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1 October 2024

Jude Ball

By email: jude.ball@otago.ac.nz Ref: H2024050758

Tēnā koe Jude

## Response to your request for official information

Thank you for your request under the Official Information Act 1982 (the Act) to the Ministry of Health – Manatū Hauora (the Ministry) on 03 September 2024 for the Institute of Environmental Science and Research (ESR) vaping product testing data. You requested:

"Copies of reports or data held by the Ministry of Health in relation to the testing of vaping products, including the content of vaping products, provided by ESR, and since 1 January 2021.

Any internal Ministry of Health analysis and/or further reports/presentations produced based on the ESR data."

ESR carries out research for the Ministry under contract. Within the period of your request, approximately 231 products have been tested. Due to the high number of reports, a summary of all vaping product test results is attached as document 1. All relevant data in the reports is included in the summary document.

The second document attached is an internal memo. There are no other reports, presentations or analysis relevant to your request. Please note, while the above memo refers to plans for a regulated products strategy, the development of this strategy has paused so no such document exists.

The third document attached is a summary document of results from an internal analysis of the ESR test results to date.

All documents are itemised in Appendix 1 and copies of the documents are enclosed. Where information is withheld, this is outlined in the Appendix and noted in the document itself. Where information is withheld under section 9 of the Act, I have considered the countervailing public interest in release in making this decision and consider that it does not outweigh the need to withhold at this time.

I trust this information fulfils your request. If you wish to discuss any aspect of your request with us, including this decision, please feel free to contact the OIA Services Team on: <a href="mailto:oiagr@health.govt.nz">oiagr@health.govt.nz</a>.

Under section 28(3) of the Act, you have the right to ask the Ombudsman to review any decisions made under this request. The Ombudsman may be contacted by email at: <u>info@ombudsman.parliament.nz</u> or by calling 0800 802 602.

Please note that this response, with your personal details removed, may be published on the Manatū Hauora website at: <u>www.health.govt.nz/about-ministry/information-releases/responses-official-information-act-requests</u>

Nāku noa, nā

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Jane Chambers Group Manager, Public Health Policy and Regulation Public Health Agency | Te Pou Hauora Tūmatanui

## Appendix 1: List of documents for release

| # | Date                     | Document details  | Decision on release  |
|---|--------------------------|---|--|
| 1 | June 2023 – June<br>2024 | ESR vape testing data   | Summary provided in accordance with section 16(1)(e) of the Act.   |
| 2 | June 2024                | Post-market surveillance testing<br>of vaping products                                    | <ul> <li>Some information withheld<br/>under the following sections of<br/>the Act:</li> <li>9(2)(b)(ii) where its<br/>release would likely<br/>unreasonably prejudice<br/>the commercial<br/>position of the person<br/>who supplied the<br/>information; and</li> <li>9(2)(f)(iv) maintain the<br/>constitutional<br/>conventions for the<br/>time being which<br/>protect the<br/>confidentiality of advice<br/>tendered by officials.</li> </ul> |
| 3 |                          | Descriptive summary of tables<br>and figures - ISK Review of ESR<br>Test Results - Vaping | Released in full.  |

|                 |                |                                 |  |             |                           |              | Docum                     | ent 1                   |  |                        |  |             |                                       |             |   |           |
|-----------------|----------------|---------------------------------|--|-------------|---------------------------|--------------|---------------------------|-------------------------|--|------------------------|--|-------------|---------------------------------------|-------------|---|-----------|
| Report          | Report<br>date | Prod<br>uct<br>HAR<br>P<br>Code | Produ<br>ct<br>Type                    | Batch Code  | Expiry of<br>Product (BB) | Test<br>date | Repor<br>ted<br>PG-<br>VG | Act<br>ual<br>PG-<br>VG | Repor<br>ted<br>Nic<br>conc<br>mg/m<br>L | Repor<br>ted<br>Nic as | Actu<br>al<br>Nic<br>conc<br>(FB)<br>mg/<br>mL | Etha<br>nol | Product<br>Notifica<br>tion<br>Status | Brand       | Type &<br>Flavour<br>Variant  | Othe<br>r |
| PHA231<br>64/35 | 21/06/<br>2023 | NPR<br>D-<br>1004<br>6          | vaping<br>device                       | IPF20230115 | Jan-25                    | Jun-<br>23   | 60-40                     | 52-<br>48               | 50                                       | mg<br>nic<br>salt      | 25.5   |             |                                       | iPuff       | iPuff<br>Strawberry<br>Ice 2500<br>Puffs  |           |
| PHA231<br>64/5  | 21/06/<br>2023 | NPR<br>D-<br>1146               | Nic<br>salt<br>vaping<br>substa<br>nce | 220201      | 21062025                  | Jun-<br>23   | 50-50                     | 59-<br>41               | 5 (50)                                   | %<br>(mg)              | 41.9   |             |                                       | TYPHOO<br>N | Smooth<br>Tobacco 5 %   |           |
| PHA231<br>64/42 | 21/06/<br>2023 | NPR<br>D-<br>1150<br>7          | Nic<br>salt<br>vaping<br>substa<br>nce | EP017200    | 2023.04.27                | Jun-<br>23   | 55-45<br>Offic            | 49-<br>51               | 50                                       | mg/m<br>L Nic<br>salt  | 51.4   |             |                                       | ELFBAR      | Pink<br>Lemonade<br>800 Puff,<br>Pink<br>Lemonade<br>1500 Puff,<br>Pink<br>Lemonade<br>BC3000 Puff,<br>Pink<br>Lemonade<br>BC5000 |           |
| PHA231<br>64/18 | 21/06/<br>2023 | NPR<br>D-<br>1150<br>9          | Nic<br>salt<br>vaping<br>substa<br>nce | EP017200    | 27/04/2023                | Jun-<br>23   | 55-45                     | 56-<br>44               | 50                                       | mg/m<br>L Nic<br>salt  | 49.3   |             |                                       | ELFBAR      | Cream<br>Tobacco 800<br>Puff, Cream<br>Tobacco<br>1500 Puff,<br>Cream<br>Tobacco<br>BC3000 Puff,<br>Cream                         |           |

|                 |                |                        |  |           |            |            | Docum         | ent 1     |     |                       |                  |         |   |
|-----------------|----------------|------------------------|--|-----------|------------|------------|---------------|-----------|-----|-----------------------|------------------|---------|---|
|                 |                |                        |  |           |            |            |               |           |     |                       |                  |         | Tobacco<br>BC5000   |
| PHA231<br>64/44 | 21/06/<br>2023 | NPR<br>D-<br>1151<br>O | Nic<br>salt<br>vaping<br>substa<br>nce | EP017200  | 2023.04.27 | Jun-<br>23 | 50-50         | 46-<br>54 | 50  | mg/m<br>L Nic<br>salt | 48.7<br>ACL 1987 | ELFBAR  | Energy Ice<br>800 Puff,<br>Energy Ice<br>1500 Puff,<br>Energy Ice<br>BC3000 Puff,<br>Energy Ice<br>BC5000 |
| PHA231<br>64/32 | 21/06/<br>2023 | NPR<br>D-<br>1183<br>5 | Nic<br>salt<br>vaping<br>substa<br>nce | EP017200  | 2023.04.27 | Jun-<br>23 | 55-45         | 55-<br>45 | 50  | L Nic<br>salt         | 49.8             | ELFBAR  | Watermelon<br>1500 Puff   |
| PHA231<br>64/54 | 21/06/<br>2023 | NPR<br>D-<br>1184<br>1 | Nic<br>salt<br>vaping<br>substa<br>nce | EP018442  | 2023 08 09 | Jun-<br>23 | رورن          | 53-<br>47 | 050 | mg/m<br>L             | 29.4             | ELF BAR | Cola 1500<br>Puff   |
| PHA231<br>64/24 | 21/06/<br>2023 | NPR<br>D-<br>1242<br>4 | vaping<br>device                       | 2302B2308 | 15/09/2024 | Jun-<br>23 | <i>О,</i> ,,, | 50-<br>50 | 50  | mg/m<br>L Nic<br>salt | 23.5             | SMOK    | MINIONE 20<br>MG/50<br>MG(NZ<br>VERSION)-<br>Blueberry<br>Raspberry                                       |
| PHA231<br>64/21 | 21/06/<br>2023 | NPR<br>D-<br>1242<br>7 | vaping<br>device                       | 2302B2408 | 15/09/2024 | Jun-<br>23 |               | 37-<br>63 | 50  | mg/m<br>L Nic<br>salt | 17.9             | SMOK    | MINIONE 20<br>MG/50<br>MG(NZ<br>VERSION)-<br>Cola Ice   |
| PHA231<br>64/50 | 21/06/<br>2023 | NPR<br>D-<br>1242<br>8 | vaping<br>device                       | 2301C0301 | 1/07/2024  | Jun-<br>23 |               | 59-<br>41 | 50  | mg/m<br>L Nic<br>salt | 22.4             | SMOK    | MINIONE 20<br>MG/50<br>MG(NZ<br>VERSION)-<br>Honeydrew<br>Bubble  |

|                 |                |                        |  |                    |            |            | Docum | ent 1      |    |                       |             |                             |   |
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| PHA231<br>64/33 | 21/06/<br>2023 | NPR<br>D-<br>1255<br>8 | Nic<br>salt<br>vaping<br>substa<br>nce | EP017200           | 2023.04.27 | Jun-<br>23 | 55-45 | 49-<br>51  | 50 | mg/m<br>L Nic<br>salt | 50          | ELFBAR                      | Spearmint<br>1500 Puff  |
| PHA231<br>64/60 | 21/06/<br>2023 | NPR<br>D-<br>1429<br>5 | Nic<br>salt<br>vaping<br>substa<br>nce | M603532207<br>2501 | 2023.09.29 | Jun-<br>23 | 60-40 | 47-<br>53  | 50 | mg/m<br>L             | 42.1<br>ACT | ZOVOO<br>CUBEBA<br>R        | Passion Fruit<br>Lime - 600<br>Puff, 2500<br>Puff & 4000<br>Puff      |
| PHA231<br>64/45 | 21/06/<br>2023 | NPR<br>D-<br>1429<br>8 | Nic<br>salt<br>vaping<br>substa<br>nce | M603532208<br>0201 | 2023.09.28 | Jun-<br>23 | 60-40 | 43-<br>57  | 50 | mg/m<br>L             | 42.6        | ZOVOO<br>CUBEBA<br>R        | Melon<br>Lemon<br>Cocotail -<br>600 Puff,<br>2500 Puff &<br>4000 Puff |
| PHA231<br>94/8  | 21/06/<br>2023 | NPR<br>D-<br>1507<br>3 | Nic<br>salt<br>vaping<br>substa<br>nce | PG20220810_<br>2   | Aug-25     | Jun-<br>23 | 30-70 | 31-<br>369 | 6  | mg/m<br>L Nic<br>salt | 5.7         | Aisu                        | Pink Guava  |
| PHA231<br>64/15 | 21/06/<br>2023 | NPR<br>D-<br>1534<br>3 | vaping<br>device                       | PO6426             | Jun-24     | Jun-       | 60-40 | 53-<br>47  | 50 | mg/m<br>L             | 42.4        | Joost SU                    | Joost SU<br>Device 5 ml   |
| PHA231<br>64/38 | 21/06/<br>2023 | NPR<br>D-<br>1625<br>6 | Nic<br>salt<br>vaping<br>substa<br>nce | 202301B0201        | 1/07/2024  | Jun-<br>23 |       | 59-<br>41  | 50 | mg/m<br>L Nic<br>salt | 23          | SMOK                        | MAVIC<br>M2500(NZ<br>VERSION) Ice<br>Blue Razz                        |
| PHA231<br>64/55 | 21/06/<br>2023 | NPR<br>D-<br>1626<br>0 | Nic<br>salt<br>vaping<br>substa<br>nce | 202301B0201        | 1/07/2024  | Jun-<br>23 |       | 59-<br>41  | 50 | mg/m<br>L Nic<br>salt | 23          | SMOK                        | MAVIC<br>M2500(NZ<br>VERSION) Ice<br>Blueberry                        |
| PHA231<br>94/7  | 21/06/<br>2023 | NPR<br>D-<br>1714      | Nic<br>salt<br>vaping                  | BN2072107          | Jul-24     | Jun-<br>23 | 50-50 | 43-<br>57  | 50 | mg/m<br>L             | 25.7        | FROZEN<br>CHOSEN<br>- Salts | Blue<br>Raspberry   |

|                 |                |                   |  |                  |  |            | Docum  | ent 1     |         |           |      |  |                                       |
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|                 |                |                   | substa<br>nce                          |                  |  |            |        |           |         |           |      |  |                                       |
| PHA231<br>94/2  | 21/06/<br>2023 | NPR<br>D-<br>5182 | Nic<br>salt<br>vaping<br>substa<br>nce | 15FBB-001        | 09-14-2024                             | Jun-<br>23 | 25-75  | 21-<br>79 | 6       | mg/m<br>L | 5.6  | Monster<br>Bar –<br>Fruit<br>Monster           | Strawberry<br>Kiwi<br>Pomegranat<br>e |
| PHA231<br>94/5  | 21/06/<br>2023 | NPR<br>D-<br>5194 | Nic<br>salt<br>vaping<br>substa<br>nce | 136A4-001        | 09/14/2024                             | Jun-<br>23 | 25-75  | 25-<br>75 | 6       | mg/m<br>L | 2.9  | Monster<br>Bar -<br>Frozen<br>Fruit<br>Monster | Mango<br>Peach Guava<br>Ice           |
| PHA231<br>64/8  | 21/06/<br>2023 | NPR<br>D-<br>5286 | vaping<br>device                       | 2202A2008        | 20/08/2023                             | Jun-<br>23 |        | 51-<br>49 | 50      | mg/m<br>L | 45.4 | SMOK   | IGEE<br>Prefilled Pod<br>5 %          |
| PHA231<br>94/9  | 21/06/<br>2023 | NPR<br>D-<br>5426 | Nic<br>salt<br>vaping<br>substa<br>nce | 132381           | BBE 04/25                              | Jun-<br>23 | . در ن | 27-<br>73 | ç ( ) 6 | mg/m<br>L | 5.7  | Dinner<br>Lady                                 | Pink Wave                             |
| PHA231<br>64/4  | 21/06/<br>2023 | NPR<br>D-<br>6351 | Nic<br>salt<br>vaping<br>substa<br>nce | HY225C060A       | 2024.07.01                             | Jun-<br>23 | QUI.   | 50-<br>50 | 50      | mg/m<br>L | 31.7 | VOZOL<br>BAR<br>1200<br>puff                   | Lemon Tart 5<br>%                     |
| PHA231<br>94/14 | 21/06/<br>2023 | NPR<br>D-<br>669  | Nic<br>salt<br>vaping<br>substa<br>nce | NZ-ED-<br>122034 | 25/07/2024                             | Jun-<br>23 |        | 60-<br>40 | 40      | mg        | 32.4 | Edmund   | Lychee                                |
| PHA231<br>64/19 | 21/06/<br>2023 | NPR<br>D-<br>9318 | Nic<br>salt<br>vaping<br>substa<br>nce | 211201<br>R-00   | 20221224                               | Jun-<br>23 | 50-50  | 45-<br>55 | 5 (50)  | %<br>(mg) | 41.8 | Typhoon  | Mentos Mint<br>5 %                    |
| PHA231<br>94/4  | 27/06/<br>2023 | NPR<br>D-         | Nic<br>salt<br>vaping                  |                  | 2 years from<br>date of<br>manufacture | Jun-<br>23 | 50-50  | 47-<br>53 | 30      | mg/m<br>L | 26.5 | XIYO   | X1 lced<br>Grape                      |

|                 |                |                        |  |                    |            |            | Docum | ent 1     |    |                       |                 |                  |   |
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|                 |                | 1023<br>7              | substa<br>nce                          |                    |            |            |       |           |    |                       |                 |                  |   |
| PHA231<br>64/30 | 27/06/<br>2023 | NPR<br>D-<br>1040<br>3 | Nic<br>salt<br>vaping<br>substa<br>nce | M603532201<br>0601 | 2023.06.05 | Jun-<br>23 |       | 55-<br>45 | 50 | mg/m<br>L             | 37.3<br>ACL 982 | ZOVOO<br>Dragbar | Peach Ice<br>1000, Peach<br>Ice 2200,<br>Peach Ice<br>4000, Peach<br>Ice 4000c,<br>Peach Ice<br>5000, Peach<br>Ice 5000c                  |
| PHA231<br>94/1  | 27/06/<br>2023 | NPR<br>D-<br>1042<br>7 | vaping<br>device                       |                    |            | Jun-<br>23 | 50-50 | 57-<br>43 | 5  | % nic<br>salt         | 35.2            | Pachama<br>ma    | Pachamama<br>SYN<br>Disposable  |
| PHA231<br>64/14 | 27/06/<br>2023 | NPR<br>D-<br>1151<br>5 | Nic<br>salt<br>vaping<br>substa<br>nce |                    | under      | Jun-<br>23 | 60-40 | 54-46     | 50 | mg/m<br>L Nic<br>salt | 17.1            | ELFBAR           | Cranberry<br>Grape 800<br>Puff,<br>Cranberry<br>Grape 1500<br>Puff,<br>Cranberry<br>Grape<br>BC3000 Puff,<br>Cranberry<br>Grape<br>BC5000 |
| PHA231<br>64/13 | 27/06/<br>2023 | NPR<br>D-<br>1151<br>6 | Nic<br>salt<br>vaping<br>substa<br>nce | EP016845           | 26/04/2023 | Jun-<br>23 | 55-45 | 45-<br>55 | 50 | mg/m<br>L Nic<br>salt | 36.7            | ELFBAR           | Red Mojito<br>800 Puff, Red<br>Mojito 1500<br>Puff, Red<br>Mojito<br>BC3000 Puff,<br>Red Mojito<br>BC5000                                 |
| PHA231<br>64/41 | 27/06/<br>2023 | NPR<br>D-              | vaping<br>device                       | 2112B0249          | 2/01/2023  | Jun-<br>23 |       | 56-<br>44 | 5  | %                     | 47.5            | SMOK             | NORD BAR<br>20 MG/50  |

|                 |                |                        |  |                    |            |            | Docum | ent 1     |          |                       |      |                 |  |
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|                 |                | 1186<br>1              |  |                    |            |            |       |           |          |                       |      |                 | MG?NZ<br>VERSION)-<br>Peach<br>Pineapple   |
| PHA231<br>64/12 | 27/06/<br>2023 | NPR<br>D-<br>1186<br>2 | vaping<br>device                       | 2207B2329          | 23/07/2024 | Jun-<br>23 |       | 36-<br>64 | 50       | mg/m<br>L             | 48.8 | SMOK            | NORD BAR<br>20 MG/50<br>MG?NZ<br>VERSION)-<br>energy Ice   |
| PHA231<br>64/10 | 27/06/<br>2023 | NPR<br>D-<br>1186<br>3 | vaping<br>device                       | 2205D0718          | 7/11/2023  | Jun-<br>23 |       | 57-<br>43 | 50       | mg/m<br>L             | 45.1 | SMOK            | NORD BAR<br>20 MG/50<br>MG?NZ<br>VERSION)-<br>mango Ice  |
| PHA231<br>94/11 | 27/06/<br>2023 | NPR<br>D-<br>1233<br>7 | Nic<br>salt<br>vaping<br>substa<br>nce | 0P-PA0009          | 9/06/2024  | Jun-<br>23 | 60-40 | 53-<br>47 | 40.<br>1 | mg/m<br>L Nic<br>salt | 34.9 | AirsPops<br>313 | 15 - Peach<br>Ice  |
| PHA231<br>64/2  | 27/06/<br>2023 | NPR<br>D-<br>1242<br>3 | vaping<br>device                       | 2302B2308          | 15/09/2024 | Jun-<br>23 | Offic | 56-<br>44 | 50       | mg/m<br>L Nic<br>salt | 17.9 | SMOK            | MINIONE<br>20MG/50MG<br>(NZ<br>VERSION)-<br>Kiwi<br>Passionfruit<br>Guava                        |
| PHA231<br>64/49 | 27/06/<br>2023 | NPR<br>D-<br>1270<br>7 | Nic<br>salt<br>vaping<br>substa<br>nce | M603532210<br>1103 | 2023.10.17 | Jun-<br>23 | 70-30 | 65-<br>35 | 50       | mg/m<br>L             | 38.3 | ZOVOO           | Vincibar<br>F2500(Pinea<br>pple<br>Grapefruit)/<br>Dragbar<br>F8000(Pinea<br>pple<br>Grapefruit) |
| PHA231<br>64/9  | 27/06/<br>2023 | NPR<br>D-<br>1271<br>4 | vaping<br>device                       | M603532208<br>2602 | 2023.10.18 | Jun-<br>23 | 70-30 | 67-<br>33 | 50       | mg/m<br>L             | 36   | ZOVOO           | VINCIBAR<br>F2500  |

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| PHA231<br>64/47 | 27/06/<br>2023 | NPR<br>D-<br>1297<br>7 | vaping<br>device                       | 20230109         | Jul-24           | Jun-<br>23 |       | 60-<br>40 | 50     | mg/m<br>L Nic<br>salt    | 20.8      | ammo                   | ammo GO 50<br>MG(NZ<br>VERSION)-<br>Mixed Berry<br>ice      |
| PHA231<br>64/39 | 27/06/<br>2023 | NPR<br>D-<br>1298<br>1 | vaping<br>device                       | 20230109         | Jul-24           | Jun-<br>23 |       | 56-<br>44 | 50     | mg/m<br>L Nic<br>salt    | 20.6 00 L | ammo                   | ammo GO 50<br>MG(NZ<br>VERSION)-<br>Raspberry<br>Watermelon |
| PHA231<br>64/37 | 27/06/<br>2023 | NPR<br>D-<br>1343<br>4 | Nic<br>salt<br>vaping<br>substa<br>nce |                  |                  | Jun-<br>23 |       | 56-<br>44 | 50     | mg                       | 28.2      | САК                    | CK1500/Blue<br>berry<br>Raspberr                            |
| PHA231<br>64/58 | 27/06/<br>2023 | NPR<br>D-<br>1423<br>7 | vaping<br>device                       | IPF20230115      | Jan-25           | Jun-<br>23 | 50-50 | 65-<br>35 | 50 (5) | mg<br>(%)<br>nic<br>salt | 26.2      | IPUFF<br>3500<br>PUFFS | STRAWBERR<br>Y<br>WATERMELO<br>N 50 MG                      |
| PHA231<br>64/40 | 27/06/<br>2023 | NPR<br>D-<br>1520<br>1 | Nic<br>salt<br>vaping<br>substa<br>nce | 20230217         | Aug-24           | Jun-<br>23 | Offic | 51-<br>49 | 50     | mg/m<br>L Nic<br>salt    | 23.7      | ammo<br>GO             | ammo GO 50<br>MG(NZ<br>VERSION)-<br>Raspberry<br>Grape Ice  |
| PHA231<br>64/11 | 27/06/<br>2023 | NPR<br>D-<br>1520<br>4 | Nic<br>salt<br>vaping<br>substa<br>nce | MFG:<br>20230213 | EXP:<br>20250212 | Jun-<br>23 |       | 46-<br>54 | 50     | mg/m<br>L Nic<br>salt    | 26.6      | ammo<br>GT             | ammo GT 50<br>MG(NZ<br>VERSION)-<br>Pink<br>Lemonade        |
| PHA231<br>64/48 | 27/06/<br>2023 | NPR<br>D-<br>1549<br>2 | Nic<br>salt<br>vaping<br>substa<br>nce | 2301D1202        | 215/08/2024      | Jun-<br>23 |       | 54-<br>46 | 50     | mg/m<br>L Nic<br>salt    | 23.1      | SMOK                   | MINIONE 50<br>MG(NZ<br>VERSION)-<br>Raspberry<br>Watermelon |
| PHA231<br>64/52 | 27/06/<br>2023 | NPR<br>D-<br>1549<br>6 | Nic<br>salt<br>vaping                  | 2301D1202        | 15/08/2024       | Jun-<br>23 |       | 49-<br>51 | 50     | mg/m<br>L Nic<br>salt    | 17.6      | SMOK                   | Gum   |

|                 |                |                        |  |                         |            |            | Docum | ent 1     |    |                       |      |                                      |   |
|-----------------|----------------|------------------------|--|-------------------------|------------|------------|-------|-----------|----|-----------------------|------|--------------------------------------|---|
|                 |                |                        | substa<br>nce                          |                         |            |            |       |           |    |                       |      |                                      |   |
| PHA231<br>64/3  | 27/06/<br>2023 | NPR<br>D-<br>1551<br>1 | Nic<br>salt<br>vaping<br>substa<br>nce | MB09012023              | 9/12/2024  | Jun-<br>23 | 50-50 | 53-<br>47 | 50 | mg/m<br>L             | 48.3 | MYPUFF                               | MEGA BOX-<br>16.5 ML-<br>Banana<br>Milkshak |
| PHA231<br>64/16 | 27/06/<br>2023 | NPR<br>D-<br>1559<br>0 | Nic<br>salt<br>vaping<br>substa<br>nce | 32030 3H                | Apr-24     | Jun-<br>23 | 30-70 | 45-<br>55 | 50 | mg/m<br>L Nic<br>salt | 49.7 | Phix Max                             | Grape Ice<br>28.5                           |
| PHA231<br>64/7  | 27/06/<br>2023 | NPR<br>D-<br>1559<br>2 | Nic<br>salt<br>vaping<br>substa<br>nce | 32030 3                 | Apr-24     | Jun-<br>23 | 41-59 | 50-<br>50 | 50 | mg/m<br>L Nic<br>salt | 48.8 | Phix Max                             | Strawberry<br>Kiwi 28.5                     |
| PHA231<br>64/1  | 27/06/<br>2023 | NPR<br>D-<br>1601<br>6 | Nic<br>salt<br>vaping<br>substa<br>nce | Qrd22 (text<br>unclear) | 26.4.23    | Jun-<br>23 | offic | 49-<br>51 | 5  | % nic<br>salt         | 42.4 | HQD<br>Cuvie<br>Box                  | Lush<br>Ice/5500<br>Puffs<br>Disposable     |
| PHA231<br>64/6  | 27/06/<br>2023 | NPR<br>D-<br>1601<br>9 | Nic<br>salt<br>vaping<br>substa<br>nce | H202209                 | 17/09/2023 | 23         |       | 66-<br>34 | 5  | % nic<br>salt         | 36.3 | HQD<br>Cuvie<br>Box                  | Mango<br>Ice/5500<br>Puffs<br>Disposable    |
| PHA231<br>94/13 | 27/06/<br>2023 | NPR<br>D-<br>1641<br>4 | Nic<br>salt<br>vaping<br>substa<br>nce | P06423                  | Jun-24     | Jun-<br>23 | 39-61 | 59-<br>41 | 50 | mg/m<br>L             | 46.7 | INFZN                                | Berry Twist                                 |
| PHA231<br>94/15 | 27/06/<br>2023 | NPR<br>D-<br>2137      | Nic<br>salt<br>vaping<br>substa<br>nce | # 2218                  | 13/09/2024 | Jun-<br>23 | 60-40 | 58-<br>42 | 50 | mg/m<br>L             | 41.7 | Airis<br>Mega<br>Disposab<br>le Vape | Strawberry<br>Watermelon                    |

|                 |                |                        |  |                    |             |            | Docum | ent 1             |    |                       |      |                        |   |
|-----------------|----------------|------------------------|--|--------------------|-------------|------------|-------|-------------------|----|-----------------------|------|------------------------|---|
| PHA231<br>94/10 | 27/06/<br>2023 | NPR<br>D-<br>3109      | Nic<br>salt<br>vaping<br>substa<br>nce | B#9929             | Nov-24      | Jun-<br>23 | 50-50 | 43-<br>57         | 50 | mg/m<br>L Nic<br>salt | 32.2 | PACHAM<br>AMA<br>Salts | Honeydew<br>Melon                         |
| PHA231<br>94/12 | 27/06/<br>2023 | NPR<br>D-<br>4335      | vaping<br>device                       |                    | 2023.06.24. | Jun-<br>23 | 60-40 | 69-<br>31         | 5  | %                     | 35   | Nasty Fix              | Butterscotch<br>Coffee                    |
| PHA231<br>94/3  | 27/06/<br>2023 | NPR<br>D-<br>9653      | Nic<br>salt<br>vaping<br>substa<br>nce |                    |             | Jun-<br>23 | 50-50 | 43-<br>57         | 30 | mg/m<br>L             | 30.4 | Veiik E-<br>Liquid     | Mango                                     |
| PHA231<br>64/28 | 13/12/<br>2023 | NPR<br>D-<br>1150<br>2 | Nic<br>salt<br>vaping<br>substa<br>nce |                    |             | Nov-<br>23 | 59-41 | 55-<br>45         | 50 | mg/m<br>L nic<br>salt | 18.4 | ELFBAR                 | Kiwi Passion<br>Fruit Guava               |
| PHA231<br>64/31 | 13/12/<br>2023 | NPR<br>D-<br>1550<br>4 | Nic<br>salt<br>vaping<br>substa<br>nce | MB18112022         | 18/11/2023  | Nov-<br>23 | 50-50 | <b>63</b> -<br>37 | 50 | mg/m<br>L             | 37   | MYPUFF                 | MEGA BOX-<br>16.5ML-<br>Watermelon<br>Ice |
| PHA231<br>64/27 | 13/12/<br>2023 | NPR<br>D-<br>1551<br>4 | Nic<br>salt<br>vaping<br>substa<br>nce | MB18112002         | 18/11/2023  | Nov-<br>23 | 50-50 | 64-<br>36         | 50 | mg/m<br>L             | 36.4 | MYPUFF                 | MEGA BOX-<br>16.5ML-<br>Strawberry<br>Ice |
| PHA231<br>64/29 | 13/12/<br>2023 | NPR<br>D-<br>1556<br>1 | Nic<br>salt<br>vaping<br>substa<br>nce | EP019959           | 24/11/2023  | Nov-<br>23 |       | 56-<br>44         | 50 | mg/m<br>L             | 33.4 | ELFBAR                 | LB5000 Red<br>Apple Ice                   |
| PHA231<br>64/17 | 19/12/<br>2023 | NPR<br>D-<br>1040<br>6 | Nic<br>salt<br>vaping<br>substa<br>nce | M603532207<br>2002 | 2023.10.17  | Dec-<br>23 |       | 58.<br>42         | 50 | mg/m<br>L             | 35.9 | ZOVOO<br>Dragbar       | Strawberry<br>Ice 2200                    |

|                 |                |                        |  |                    |            |            | Docum | ent 1     |     |                       |             |                 |   |
|-----------------|----------------|------------------------|--|--------------------|------------|------------|-------|-----------|-----|-----------------------|-------------|-----------------|---|
| PHA231<br>64/53 | 19/12/<br>2023 | NPR<br>D-<br>1151<br>1 | Nic<br>salt<br>vaping<br>substa<br>nce |                    |            | Dec-<br>23 | 60-40 | 61-<br>39 | 50  | mg/m<br>L nic<br>salt | 17          | ELF BAR         | Strawberry<br>Ice BC3000<br>Puff                      |
| PHA231<br>64/46 | 19/12/<br>2023 | NPR<br>D-<br>1151<br>3 | Nic<br>salt<br>vaping<br>substa<br>nce |                    |            | Dec-<br>23 | 60-40 | 58-<br>42 | 50  | mg/m<br>L nic<br>salt | 17.5<br>ACL | ELFBAR          | Watermelon<br>Ice BC3000<br>Puff                      |
| PHA241<br>04/2  | 19/12/<br>2023 | NPR<br>D-<br>1184<br>3 | Nic<br>salt<br>vaping<br>substa<br>nce | EP025100           | 2025.01.24 | Dec-<br>23 | 60-40 | 57-<br>43 | 50  | mg/m<br>L nic<br>salt | 26.2        | ELF BAR         | Strawberry<br>Kiwi 1500<br>Puff                       |
| PHA231<br>94/38 | 19/12/<br>2023 | NPR<br>D-<br>1226<br>1 | Nic<br>salt<br>vaping<br>substa<br>nce | BR-211023          | 26/10/2023 | Dec-<br>23 | .c.Ċ  | 56-<br>44 | 404 | % nic<br>Salt         | 38.3        | AirsPops<br>313 | 21 - Mango<br>Pineapple                               |
| PHA241<br>04/4  | 19/12/<br>2023 | NPR<br>D-<br>1270<br>4 | Nic<br>salt<br>vaping<br>substa<br>nce | M603532206<br>2801 | 2024.08.03 | Dec-<br>23 | 70-30 | 67-<br>33 | 50  | mg/m<br>              | 36          | ZOVOO           | Vincibar<br>F2500<br>(Green<br>Voodoo)                |
| PHA231<br>94/16 | 19/12/<br>2023 | NPR<br>D-<br>1297<br>5 | vaping<br>device                       | 20230324           | Sep-24     | Dec-<br>23 |       | 45-<br>55 | 50  | mg/m<br>L nic<br>salt | 21.8        | ammo            | ammo GO<br>50MG(NZ<br>VERSION)-<br>Pink<br>Lemonade   |
| PHA241<br>04/10 | 19/12/<br>2023 | NPR<br>D-<br>1298<br>2 | vaping<br>device                       | 20230324           | Sep-24     | Dec-<br>23 |       | 54-<br>46 | 50  | mg/m<br>L nic<br>salt | 21          | ammo            | ammo GO<br>50MG(NZ<br>VERSION)-<br>Blueberry<br>Lemon |
| PHA231<br>94/33 | 19/12/<br>2023 | NPR<br>D-              | Nic<br>salt<br>vaping                  |                    | 2024.02.02 | Dec-<br>23 | 50-50 | 58-<br>42 | 30  | mg<br>nic<br>salt     | 19.2        | Wotofo<br>Mega+ | Strawberry<br>ice cream                               |

|                 |                |                        |  |                  |            |            | Docum | ent 1     |    |                       |       |                          |   |
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|                 |                | 1314<br>6              | substa<br>nce                          |                  |            |            |       |           |    |                       |       |                          |   |
| PHA241<br>02/1  | 19/12/<br>2023 | NPR<br>D-<br>1427<br>3 | vaping<br>device                       |                  | 30/09/2024 | Dec-<br>23 | 55-45 | 64-<br>36 | 50 | mg/m<br>I             | 27.4  | Тор 3000                 | Sour Apple  |
| PHA231<br>94/17 | 19/12/<br>2023 | NPR<br>D-<br>1510<br>4 | Nic<br>salt<br>vaping<br>substa<br>nce |                  | 25102024   | Dec-<br>23 | 60-40 | 57-<br>43 | 50 | mg/m<br>L nic<br>salt | 52 NO | Frozen<br>Salty<br>World | Watermelon<br>Peach Ice                                   |
| PHA241<br>04/3  | 19/12/<br>2023 | NPR<br>D-<br>1519<br>9 | Nic<br>salt<br>vaping<br>substa<br>nce | 20230217         | Aug-24     | Dec-<br>23 |       | 49-<br>51 | 50 | mg/m<br>Lnic<br>salt  | 26.2  | ammo<br>GO               | ammo GO<br>50MG(NZ<br>VERSION)-<br>Apple Cola             |
| PHA231<br>64/34 | 19/12/<br>2023 | NPR<br>D-<br>1520<br>2 | Nic<br>salt<br>vaping<br>substa<br>nce | 20230217         | Aug-24     | Dec-<br>23 | AFIC  | 56-<br>44 | 50 | mg/m<br>L nic<br>salt | 25.7  | ammo<br>GO               | ammo GO<br>50MG(NZ<br>VERSION)-<br>Blueberry<br>Raspberry |
| PHA231<br>64/56 | 19/12/<br>2023 | NPR<br>D-<br>1520<br>6 | Nic<br>salt<br>vaping<br>substa<br>nce | MFG:<br>20230213 | 20250212   | Dec-       |       | 56-<br>44 | 50 | mg/m<br>L nic<br>salt | 25.7  | ammo<br>GT               | ammo GT<br>50MG(NZ<br>VERSION)-<br>Blueberry<br>Raspberry |
| PHA231<br>64/36 | 19/12/<br>2023 | NPR<br>D-<br>1520<br>8 | Nic<br>salt<br>vaping<br>substa<br>nce | MFG:<br>20221226 | 20241225   | Dec-<br>23 |       | 48-<br>52 | 50 | mg/m<br>L nic<br>salt | 25.6  | ammo<br>GT               | ammo GT<br>50MG(NZ<br>VERSION)-<br>Apple Cola             |
| PHA231<br>94/27 | 19/12/<br>2023 | NPR<br>D-<br>1529<br>0 | Nic<br>salt<br>vaping<br>substa<br>nce | P06424           | Jun-24     | Dec-<br>23 | 35-65 | 41-<br>59 | 50 | mg/m<br>I             | 55.8  | Joost                    | Cola Ice  |

|                 |                |                        |  |            |            |            | Docum | ent 1     |             |                       |             |                         |  |
|-----------------|----------------|------------------------|--|------------|------------|------------|-------|-----------|-------------|-----------------------|-------------|-------------------------|--|
| PHA231<br>94/40 | 19/12/<br>2023 | NPR<br>D-<br>1532<br>7 | Nic<br>salt<br>vaping<br>substa<br>nce |            | 25102024   | Dec-<br>23 | 60-40 | 55-<br>45 | 50          | mg                    | 51.1        | Slaty<br>Fizzy<br>World | Mixed<br>Berries<br>Cirtrus Ice                                |
| PHA241<br>04/9  | 19/12/<br>2023 | NPR<br>D-<br>1548<br>8 | Nic<br>salt<br>vaping<br>substa<br>nce | 2301D1202  | 15/08/2024 | Dec-<br>23 |       | 44-<br>56 | 50          | mg/m<br>L nic<br>salt | 17.9<br>ACL | SMOK                    | MINIONE<br>50MG(NZ<br>VERSION)-<br>Grapefruit<br>Passion Fruit |
| PHA231<br>94/42 | 19/12/<br>2023 | NPR<br>D-<br>1551<br>5 | Nic<br>salt<br>vaping<br>substa<br>nce | MB09012023 | 9/12/2024  | Dec-<br>23 | 50-50 | 49-<br>51 | 50          | mg/m                  | 55          | MYPUFF                  | MEGA BOX-<br>16.5ML-<br>Grape                                  |
| PHA231<br>64/43 | 19/12/<br>2023 | NPR<br>D-<br>1556<br>4 | Nic<br>salt<br>vaping<br>substa<br>nce | EP019959   | 24/11/2023 | Dec-<br>23 | .c.Ċ  | 60-<br>40 | <b>(</b> 50 | mg/m<br>L             | 32.3        | ELFBAR                  | LB5000<br>Blueberry<br>Raspberry<br>Cherry                     |
| PHA231<br>64/59 | 19/12/<br>2023 | NPR<br>D-<br>1601<br>5 | Nic<br>salt<br>vaping<br>substa<br>nce | H202209    | 17/09/2023 | Dec-<br>23 | OU.   | 44-<br>56 | 5           | % nic<br>Salt         | 43.2        | HQD<br>Cuvie<br>Box     | Grapey/5500<br>Puffs<br>Disposable                             |
| PHA231<br>64/57 | 19/12/<br>2023 | NPR<br>D-<br>1601<br>7 | Nic<br>salt<br>vaping<br>substa<br>nce | H202209    | 17/09/2023 | Dec-<br>23 |       | 53-<br>47 | 5           | % nic<br>Salt         | 37.1        | HQD<br>Cuvie<br>Box     | Peach<br>Ice/5500<br>Puffs<br>Disposable                       |
| PHA241<br>04/5  | 19/12/<br>2023 | NPR<br>D-<br>1602<br>2 | Nic<br>salt<br>vaping<br>substa<br>nce | H 202304   | 2024.04.12 | Dec-<br>23 |       | 61-<br>39 | 5           | % nic<br>Salt         | 18.7        | HQD<br>Cuvie<br>Box     | Pineapple<br>Ice/5500<br>Puffs<br>Disposable                   |
| PHA231<br>64/51 | 19/12/<br>2023 | NPR<br>D-              | Nic<br>salt<br>vaping                  | Qrd22      | 26/04/2023 | Dec-<br>23 |       | 60-<br>40 | 5           | % nic<br>Salt         | 42.9        | HQD<br>Cuvie<br>Box     | Rainbow/55<br>00 Puffs<br>Disposable                           |

|                 |                |                        |  |           |          |            | Docum | ent 1     |      |                       |      |   |                      |
|-----------------|----------------|------------------------|--|-----------|----------|------------|-------|-----------|------|-----------------------|------|---|----------------------|
|                 |                | 1602<br>4              | substa<br>nce                                  |           |          |            |       |           |      |                       |      |   |                      |
| PHA231<br>94/32 | 19/12/<br>2023 | NPR<br>D-<br>1633<br>0 | Nic<br>salt<br>vaping<br>substa<br>nce         | PO6422    | Jun-24   | Dec-<br>23 | 24-76 | 59-<br>41 | 40   | mg/m<br>L             | 37.3 | Racer   | Berry Ice            |
| PHA231<br>94/39 | 19/12/<br>2023 | NPR<br>D-<br>1665<br>4 | vaping<br>device                               |           | 20240210 | Dec-<br>23 | 60-40 | 53-<br>47 | 20   | mg/m<br>L nic<br>salt | 18.2 | Cloudys<br>1600<br>Puffs<br>Disposab<br>le Vape<br>Device | Crisp Apple          |
| PHA231<br>94/36 | 19/12/<br>2023 | NPR<br>D-<br>1706      | Nic<br>salt<br>vaping<br>substa<br>nce         | BN2060828 | Jun-24   | Dec-<br>23 | 50-50 | 44-<br>56 | form |                       | 26.9 | CHOSEN<br>- Salts   | Sweet<br>Banana      |
| PHA231<br>94/18 | 19/12/<br>2023 | NPR<br>D-<br>250       | Nic<br>salt<br>vaping<br>substa<br>nce         |           |          | Dec-<br>23 | Offic | 49-<br>51 | 48   | mg/m<br>L nic<br>salt | 47.9 | Solace  | Lemon Lime<br>Fusion |
| PHA241<br>02/3  | 19/12/<br>2023 | NPR<br>D-<br>3137      | Nic<br>freeba<br>se<br>vaping<br>substa<br>nce | BN2080903 | Aug-24   | Dec-<br>23 | 35-65 | 31-<br>69 | 6    | mg                    | 5.8  | The One   | Lemon                |
| PHA231<br>94/20 | 19/12/<br>2023 | NPR<br>D-<br>326       | Nic<br>salt<br>vaping<br>substa<br>nce         | Release   | 3-16-24  | Dec-<br>23 |       | 44-<br>56 | 50   | mg/m<br>I             | 51.7 | VGOD<br>Saltnic   | Iced Mango<br>Bomb   |
| PHA231<br>94/34 | 19/12/<br>2023 | NPR<br>D-<br>342       | Nic<br>salt<br>vaping                          | •         |          | Dec-<br>23 |       | 45-<br>55 | 50   | mg/m<br>I             | 49   | VGOD<br>Saltnic   | Summer<br>Strawberry |

|                 |                |                   |  |             |            |            | Docum | ent 1     |          |                       |      |  |                   |
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|                 |                |                   | substa<br>nce                                  |             |            |            |       |           |          |                       |      |  |                   |
| PHA231<br>94/21 | 19/12/<br>2023 | NPR<br>D-<br>398  | Nic<br>salt<br>vaping<br>substa<br>nce         | 132358      | Apr-25     | Dec-<br>23 |       | 51-<br>49 | 30       | mg/m<br>L             | 29.6 | Dinner<br>Lady<br>eLiquid              | Bubble<br>trouble |
| PHA231<br>94/35 | 19/12/<br>2023 | NPR<br>D-50       | Nic<br>salt<br>vaping<br>substa<br>nce         |             | 10032024   | Dec-<br>23 | 55-45 | 64-<br>36 | 50       | mg                    | 47   | Salty<br>Puff<br>World                 | Aloe Vera Ice     |
| PHA231<br>94/43 | 19/12/<br>2023 | NPR<br>D-<br>5174 | Nic<br>salt<br>vaping<br>substa<br>nce         | CB4E6-001   |            | Dec-<br>23 |       | 54-<br>46 | 6<br>Off | mg                    | 5.6  | Monster<br>Bar -<br>Tobacco<br>Monster | Smooth            |
| PHA241<br>02/2  | 19/12/<br>2023 | NPR<br>D-<br>5602 | Nic<br>freeba<br>se<br>vaping<br>substa<br>nce | 95108750001 | 25/05/2025 | Dec-<br>23 | 50-50 | 52-<br>48 | 18       | mg/m<br>L             | 17.7 | LIQUA                                  | Menthol           |
| PHA231<br>94/22 | 19/12/<br>2023 | NPR<br>D-<br>621  | Nic<br>salt<br>vaping<br>substa<br>nce         |             | Mar-25     | Dec-<br>23 | 40-60 | 38-<br>62 | 12       | mg/m<br>L nic<br>salt | 7    | Hard Out                               | Nip n Cola        |
| PHA231<br>94/41 | 19/12/<br>2023 | NPR<br>D-<br>631  | Nic<br>salt<br>vaping<br>substa<br>nce         | 1019        | Dec-24     | Dec-<br>23 | 40-60 | 36-<br>64 | 6        | mg/m<br>L             | 3.5  | Island<br>Drip                         | Island Time       |
| PHA241<br>02/5  | 19/12/<br>2023 | NPR<br>D-<br>6323 | Nic<br>freeba<br>se<br>vaping                  | L-07479     | Jul-25     | Dec-<br>23 | 50-50 | 45-<br>55 | 40       | mg/m<br>L             | 24.3 | Coolers                                | Berries on<br>Ice |

|                 |                |                        |  |                    |            |            | Docum               | ent 1     |          |                       |      |                   |                               |
|-----------------|----------------|------------------------|--|--------------------|------------|------------|---------------------|-----------|----------|-----------------------|------|-------------------|-------------------------------|
|                 |                |                        | substa<br>nce                          |                    |            |            |                     |           |          |                       |      |                   |                               |
| PHA231<br>94/24 | 19/12/<br>2023 | NPR<br>D-<br>6421      | Nic<br>salt<br>vaping<br>substa<br>nce | MAX230525          | 2025.12    | Dec-<br>23 |                     | 41-<br>59 | 50       | mg/m<br>L nic<br>salt | 49.4 | IPLAY             | Blueberry Ice                 |
| PHA231<br>94/37 | 19/12/<br>2023 | NPR<br>D-<br>666       | Nic<br>salt<br>vaping<br>substa<br>nce | NZ-ED-<br>222031   | 25/07/2024 | Dec-<br>23 |                     | 20-<br>80 | 20       | mg                    | 19.3 | Edmund            | Blueberry                     |
| PHA231<br>94/30 | 19/12/<br>2023 | NPR<br>D-<br>8432      | Nic<br>salt<br>vaping<br>substa<br>nce | EV2023018          | 2024.04.22 | Dec-<br>23 | 53.34<br>-<br>38.22 | 61-<br>39 | 50<br>01 | mg/m<br>L nic<br>salt | 24.7 | WOTOF<br>O        | Blueberry<br>Raspberry<br>Ice |
| PHA241<br>02/4  | 19/12/<br>2023 | NPR<br>D-<br>9107      | vaping<br>device                       | 132789             | Apr-25     | Dec-<br>23 | يرز                 | 52-<br>48 | 50       | mg/m<br>I             | 48.9 | Dinner<br>Lady    | Strawberry<br>Ice             |
| PHA231<br>94/31 | 19/12/<br>2023 | NPR<br>D-<br>957       | Nic<br>salt<br>vaping<br>substa<br>nce | 25/04/2023         | 24/04/2025 | Dec-<br>23 | 28-72               | 59-<br>41 | 50       | mg/m<br>I             | 48.5 | thevaper<br>snest | mango<br>peach<br>watermelom  |
| PHA231<br>94/44 | 19/12/<br>2023 | NPR<br>D-<br>958       | Nic<br>salt<br>vaping<br>substa<br>nce | DQV431             | 1/12/2023  | Dec-<br>23 | 50-50               | 60-<br>40 | 50       | mg<br>nic<br>salt     | 33.2 | thevaper<br>snest | banana milk                   |
| PHA231<br>64/23 | 26/01/<br>2024 | NPR<br>D-<br>1040<br>2 | Nic<br>salt<br>vaping<br>substa<br>nce | M603532207<br>2002 | 2023.10.17 | Jan-<br>24 |                     | 57-<br>43 | 50       | mg/m<br>L             | 38   | ZOVOO<br>Dragbar  | Green Apple<br>Ice 2200       |
| PHA231<br>64/26 | 26/01/<br>2024 | NPR<br>D-              | Nic<br>salt<br>vaping                  | M603532207<br>1902 | 2023.10.17 | Jan-<br>24 |                     | 51-<br>49 | 50       | mg/m<br>L             | 37.8 | ZOVOO<br>Dragbar  | (Orange<br>Mango              |

|                 |                |                        |  |                    |            |            | Docum | ent 1     |      |                           |      |                        |   |
|-----------------|----------------|------------------------|--|--------------------|------------|------------|-------|-----------|------|---------------------------|------|------------------------|---|
|                 |                | 1040<br>8              | substa<br>nce                          |                    |            |            |       |           |      |                           |      |                        | Guava) OMG<br>2200  |
| PHA241<br>04/8  | 26/01/<br>2024 | NPR<br>D-<br>1270<br>6 | Nic<br>salt<br>vaping<br>substa<br>nce | M603532206<br>2801 | 2024.10.18 | Jan-<br>24 | 70-30 | 66-<br>34 | 50   | mg/m<br>L                 | 37.7 | ZOVOO                  | Vincibar<br>F2500<br>(Peach<br>Snow-Pear)                 |
| PHA241<br>04/6  | 26/01/<br>2024 | NPR<br>D-<br>1270<br>8 | Nic<br>salt<br>vaping<br>substa<br>nce | M603532206<br>2801 | 2024.10.18 | Jan-<br>24 | 70-30 | 62-<br>38 | 50   | mg/m<br>L                 | 38.3 | ZOVOO                  | Vincibar<br>F2500<br>(Rainbow<br>Bear                     |
| PHA241<br>04/7  | 26/01/<br>2024 | NPR<br>D-<br>1423<br>8 | vaping<br>device                       | IPF20230517        | 1/05/2025  | Jan-<br>24 | 60-40 | 58-<br>42 | 4.29 | %<br>Nicoti<br>ne<br>Salt | 27.3 | IPUFF<br>ULTRA         | MANGO<br>PEACH<br>WATERMELO<br>N 50MG                     |
| PHA231<br>64/25 | 26/01/<br>2024 | NPR<br>D-<br>1521<br>0 | Nic<br>salt<br>vaping<br>substa<br>nce | MFG:<br>20230213   | 20250212   | Jan-<br>24 | AFIC  | 54-<br>46 | 50   | mg/m<br>L                 | 26.9 | ammo<br>GT             | ammo GT<br>50MG(NZ<br>VERSION)-<br>Mixed Berry<br>Ice     |
| PHA241<br>04/1  | 26/01/<br>2024 | NPR<br>D-<br>1549<br>0 | Nic<br>salt<br>vaping<br>substa<br>nce | 2301D1202          | 15/08/2024 | Jan-<br>24 |       | 60-<br>40 | 50   | mg/m<br>L                 | 22.7 | SMOK                   | MINIONE<br>50MG(NZ<br>VERSION)-<br>Lemon<br>Passion Fruit |
| PHA231<br>94/29 | 26/01/<br>2024 | NPR<br>D-<br>1575<br>0 | Nic<br>salt<br>vaping<br>substa<br>nce | FTMOH2320          | 1/03/2025  | Jan-<br>24 | 60-40 | 50-<br>50 | 50   | mg/m<br>L                 | 28.2 | Super<br>Salts<br>4000 | Lemonade  |
| PHA231<br>64/20 | 26/01/<br>2024 | NPR<br>D-<br>1601<br>8 | Nic<br>salt<br>vaping<br>substa<br>nce | H2022098           | 17/09/2023 | Jan-<br>24 |       | 48-<br>52 | 50   | mg/m<br>L                 | 44.8 | HQD<br>Cuvie<br>Box    | Banana<br>Ice/5500<br>Puffs<br>Disposable                 |

|                 |                |                        |  |                    |            |            | Docum | ent 1     |    |           |             |                           |  |
|-----------------|----------------|------------------------|--|--------------------|------------|------------|-------|-----------|----|-----------|-------------|---------------------------|--|
| PHA231<br>64/22 | 26/01/<br>2024 | NPR<br>D-<br>1602<br>3 | Nic<br>salt<br>vaping<br>substa<br>nce | H202209            | 17/09/2023 | Jan-<br>24 |       | 54-<br>46 | 50 | mg/m<br>L | 43.4        | HQD<br>Cuvie<br>Box       | Black<br>Ice/5500<br>Puffs<br>Disposable |
| PHA231<br>94/52 | 26/01/<br>2024 | NPR<br>D-<br>1671<br>4 | Nic<br>salt<br>vaping<br>substa<br>nce | C294-011           |            | Jan-<br>24 |       | 47-<br>53 | 45 | mg/m<br>L | 44.2<br>ACt | Solace<br>Black           | Purple Frost                             |
| PHA231<br>94/48 | 26/01/<br>2024 | NPR<br>D-<br>1707      | Nic<br>salt<br>vaping<br>substa<br>nce | 2060805            | 1/06/2024  | Jan-<br>24 | 50-50 | 44-<br>56 | 50 | mg/m<br>L | 27.8        | CHOSEN<br>- Salts         | Apricot<br>Preserve                      |
| PHA231<br>94/23 | 26/01/<br>2024 | NPR<br>D-<br>1709<br>1 | Nic<br>salt<br>vaping<br>substa<br>nce | SNBG202303<br>2001 | 20240320   | Jan-<br>24 | 45-55 | 45-<br>55 | 50 | mg/m<br>L | 26.6        | WOTOF<br>O                | Zetta Frozen<br>Cola                     |
| PHA231<br>94/19 | 26/01/<br>2024 | NPR<br>D-<br>1744<br>4 | Nic<br>salt<br>vaping<br>substa<br>nce | HY22SCABBI         | 29/12/2024 | Jan-<br>24 | 60-40 | 51-<br>49 | 42 | mg/m<br>L | 26.4        | Vozol<br>Star<br>3000     | Tropical<br>Jungle                       |
| PHA231<br>94/56 | 26/01/<br>2024 | NPR<br>D-<br>3401      | vaping<br>device                       | 2303B0710          | 1/03/2025  | Jan-<br>24 |       | 57-<br>43 | 50 | mg/m<br>L | 23.8        | SMOK                      | NORD Bar-<br>Peach Ice                   |
| PHA231<br>94/46 | 26/01/<br>2024 | NPR<br>D-<br>3906      | Nic<br>salt<br>vaping<br>substa<br>nce | elease             | <u>,</u>   | Jan-<br>24 | 50-50 | 46-<br>54 | 35 | mg/m<br>L | 17.8        | Reckless<br>Gluttony      | Toffee<br>Parfait                        |
| PHA231<br>94/45 | 26/01/<br>2024 | NPR<br>D-<br>395       | Nic<br>salt<br>vaping<br>substa<br>nce | 132713             | 1/04/2025  | Jan-<br>24 |       | 29-<br>71 | 6  | mg/m<br>L | 5.8         | Dinner<br>Lady<br>eLiquid | Blackberry<br>Crumble                    |

|                 |                |                        |  |            |            |                             | Docum | ent 1     |     |                   |        |                                  |               |  |
|-----------------|----------------|------------------------|--|------------|------------|-----------------------------|-------|-----------|-----|-------------------|--------|----------------------------------|---------------|--|
| PHA231<br>94/25 | 26/01/<br>2024 | NPR<br>D-<br>5285      | Nic<br>salt<br>vaping<br>substa<br>nce | 2303B0810  | 1/03/2025  | Jan-<br>24                  |       | 61-<br>39 | 50  | mg/m<br>L         | 19.6   | 0                                | SMOK          | Blueberry Ice                                    |
| PHA231<br>94/47 | 26/01/<br>2024 | NPR<br>D-<br>928       | Nic<br>salt<br>vaping<br>substa<br>nce | ID280922J  | 1/09/2024  | Jan-<br>24                  | 50-50 | 46-<br>54 | 20  | mg/m<br>L         | 20     | 19 <sup>0</sup>                  | Crush Ice     | Vanilla<br>Dragon Ice                            |
| PHA231<br>94/51 | 26/01/<br>2024 | NPR<br>D-<br>9328      | Nic<br>salt<br>vaping<br>substa<br>nce | CL200323J1 | 1/03/2025  | Jan-<br>24                  | 50-50 | 49-<br>51 | 20  | mg/m<br>L         | 20.5   |                                  | Hola<br>Cola  | Hola Lime<br>Cola                                |
| PHA231<br>94/53 | 26/01/<br>2024 | NPR<br>D-<br>9707      | Nic<br>salt<br>vaping<br>substa<br>nce | A280323    | 23/12/2023 | Jan-<br>24                  | .c.Ċ  | 31-<br>69 | 012 | mg                | 12.5   |                                  | Vapouriu<br>m | Hasseltoff                                       |
| PHA231<br>94/50 | 26/01/<br>2024 | NPR<br>D-<br>9895      | Nic<br>salt<br>vaping<br>substa<br>nce | H202206    | 20/06/2023 | Jan-<br>24                  | SU.   | 49-<br>51 | 50  | mg/m<br>L         | 54.7   |                                  | HQD           | Air<br>Strawberry<br>Coconut                     |
| PHA231<br>94/28 | 13/03/<br>2024 | NPR<br>D-<br>1320<br>0 | vaping<br>device                       | NZ-HB-2206 | 25/07/2024 | Jan-<br>24                  | 50-50 | 55-<br>45 | 3.5 | % nic<br>salt     | 30     |                                  | Hebat         | Hebat B6000<br>Disposable<br>Pod Old<br>Popsicle |
| PHA231<br>94/26 | 13/03/<br>2024 | NPR<br>D-<br>4992      | Nic<br>salt<br>vaping<br>substa<br>nce | 79 C       | <u> </u>   | Jan-<br>24                  | -     | 19-<br>81 | 3   | L                 | 2.9    |                                  | Ripe<br>Vapes | VCT<br>Chocolate                                 |
| PHA231<br>48/1  | 20/03/<br>2024 | NPR<br>D-<br>6804      | Nic<br>salt<br>vaping                  | -          | -          | 11/20<br>23-<br>02/20<br>24 | 50-50 | 56-<br>44 | 35  | mg<br>nic<br>salt | 26.7 < | <0.3 notifica<br>tion<br>expired | Kiwicig       | Gummy<br>Candy                                   |

|                |                |                   |  |           |            |                             | Docum | ent 1     |           |           |      |      |   |                         |                        |
|----------------|----------------|-------------------|--|-----------|------------|-----------------------------|-------|-----------|-----------|-----------|------|------|---|-------------------------|------------------------|
|                |                |                   | substa<br>nce                                  |           |            |                             |       |           |           |           |      |      | 11/02/2<br>024  |                         |                        |
| PHA231<br>48/2 | 25/03/<br>2024 | NPR<br>D-<br>1210 | Nic<br>freeba<br>se<br>vaping<br>substa<br>nce | NZ230214  | Jan-24     | 03/20<br>23-<br>02-<br>2024 | 20-80 | 21-<br>79 | 6         | mg/m<br>L | 6.1  | <0.3 | notifica<br>tion<br>expired<br>23/01/2<br>024   | Vape<br>Canyon          | Thug 2018              |
| PHA231<br>48/3 | 25/03/<br>2024 | NPR<br>D-<br>4124 | Nic<br>freeba<br>se<br>vaping<br>substa<br>nce | 3E98A-001 | 09/19/2024 | 11/20<br>23-<br>02/20<br>24 | 25-75 | 25-<br>75 | 6<br>norm | mg/m<br>L | 5.9  | <0.3 | notifica<br>tion<br>expired<br>27/04/2<br>023,<br>purchas<br>ed<br>17/03/2<br>023       | PB & Jam<br>Monster     | Grape                  |
| PHA231<br>48/9 | 25/03/<br>2024 | NPR<br>D-<br>5288 | Nic<br>freeba<br>se<br>vaping<br>substa<br>nce | A60293    | Jul-25     | 11/20<br>23-<br>02/20<br>24 | 30-70 | 28-<br>72 | 12        | mg/m<br>L | 10.3 | 0.4  |   | Just Juice              | Apple & Pear<br>On Ice |
| PHA231<br>48/8 | 25/03/<br>2024 | NPR<br>D-<br>5798 | Nic<br>freeba<br>se<br>vaping<br>substa<br>nce | -         | dunder     | 11/20<br>23-<br>02/20<br>24 | 50-50 | 53-<br>47 | 18        | mg/m<br>L | 18.1 | 0.6  |   | Aramax                  | Max<br>Watermelon      |
| PHA231<br>48/7 | 25/03/<br>2024 | NPR<br>D-<br>6233 | Nic<br>salt<br>vaping<br>substa<br>nce         | 55D58-001 | 09/13/2024 | 11/20<br>23-<br>02/20<br>24 | 25-75 | 28-<br>72 | 6         | mg/m<br>L | 5.8  | 1.5  | notifica<br>tion<br>expired<br>10/02/2<br>023,<br>purchas<br>ed<br>16/03/2<br>023. Stil | Lemonad<br>e<br>Monster | Strawberry             |

|                 |                |                        |  |                 |            |                             | Docum | ent 1     |           |                   |      |      |   |                 |                           |
|-----------------|----------------|------------------------|--|-----------------|------------|-----------------------------|-------|-----------|-----------|-------------------|------|------|---|-----------------|---------------------------|
|                 |                |                        |  |                 |            |                             |       |           |           |                   |      |      | availabl<br>e on<br>market  |                 |                           |
| PHA231<br>48/5  | 25/03/<br>2024 | NPR<br>D-<br>6628      | Nic<br>freeba<br>se<br>vaping<br>substa<br>nce | VP20220620      | Jun-24     | 11/20<br>23-<br>02/20<br>24 | 30-70 | 30-<br>70 | 3         | mg/m<br>L         | 1.3  | 2.4  | notifica<br>tion<br>expired<br>10/02/2<br>023,<br>purchas<br>ed<br>16/03/2<br>023       | Cloud<br>vape   | Cool<br>Watermelon        |
| PHA231<br>48/10 | 25/03/<br>2024 | NPR<br>D-85            | Nic<br>salt<br>vaping<br>substa<br>nce         | ALY32<br>220811 | 10082024   | 11/20<br>23-<br>02/20<br>24 | 50-50 | 60-<br>40 | 50<br>FOR | mg<br>nic<br>salt | 47.8 | <0.3 | notified<br>10/08/2<br>023  | Salty<br>world  | Grape                     |
| PHA231<br>48/6  | 25/03/<br>2024 | NPR<br>D-<br>9761      | Nic<br>salt<br>vaping<br>substa<br>nce         | HQD202207       | 2023.07.15 | 11/20<br>23-<br>02/20<br>24 | offic | 42-<br>58 | 50        | mg/m<br>L         | 26.8 | <0.3 | notifica<br>tion<br>expired<br>11/03/2<br>023   | HQD             | Cuvie Plus<br>Lush Ice    |
| PHA241<br>52/2  | 27/03/<br>2024 | NPR<br>D-<br>102       | Nic<br>freeba<br>se<br>vaping<br>substa<br>nce | -               | 1092025    | 12/20<br>23-<br>02/20<br>24 | 30-70 | 7-<br>*93 | 6         | mg/m<br>L         | 6.2  |      |   | Cloud<br>Chaser | Nothing But<br>Green      |
| PHA241<br>12/9  | 27/03/<br>2024 | NPR<br>D-<br>1200<br>5 | Nic<br>salt<br>vaping<br>substa<br>nce         | B#10514         | Feb-25     | 11/20<br>23-<br>02/20<br>24 | 35-65 | 31-<br>69 | 6         | mg/m<br>L         | 3.5  | 1.8  | notifica<br>tion<br>expired<br>on<br>12/07/2<br>023,<br>purchas<br>ed<br>09/10/2<br>023 | Fruitia         | Blood<br>Orange<br>Cactus |

|                 |                |                        |  |           |            |                             | Docum          | ent 1     |             |                       |      |      |   |                          |   |
|-----------------|----------------|------------------------|--|-----------|------------|-----------------------------|----------------|-----------|-------------|-----------------------|------|------|---|--------------------------|---|
| PHA241<br>12/4  | 27/03/<br>2024 | NPR<br>D-<br>1261<br>1 | Nic<br>salt<br>vaping<br>substa<br>nce | 1220704   | 20230703   | 11/20<br>23-<br>02/20<br>24 | -              | 53-<br>47 | 50          | mg/m<br>L             | 36.7 | 10.5 | notifica<br>tion<br>expired<br>on<br>08/08/2<br>023,<br>purchas<br>ed<br>09/10/2<br>023 | Vapengi<br>n             | Mars Gate<br>Cranberry<br>Grape                     |
| PHA231<br>94/55 | 27/03/<br>2024 | NPR<br>D-<br>1297<br>6 | vaping<br>device                       | 20230324  | Sep-24     | 11/20<br>23-<br>02/20<br>24 |                | 60-<br>40 | 50          | mg/m<br>L Nic<br>salt | 20.9 |      |   | ammo                     | ammo GO<br>50MG(NZ<br>VERSION) —<br>Double<br>Apple |
| PHA231<br>94/54 | 27/03/<br>2024 | NPR<br>D-<br>1510<br>2 | Nic<br>salt<br>vaping<br>substa<br>nce |           | 25102024   | 11/20<br>23-<br>02/20<br>24 | 60-40          | 58-<br>42 | <b>C</b> 50 | mg                    | 50.6 |      | Notified<br>20/10/2<br>023  | Frozen<br>Salty<br>World | Kiwi<br>Blueberry Ice                               |
| PHA241<br>12/1  | 27/03/<br>2024 | NPR<br>D-<br>1549<br>4 | Nic<br>salt<br>vaping<br>substa<br>nce | 2301D1202 | 15/08/2024 | 11/20<br>23-<br>02/20<br>24 | O <sub>U</sub> | 57-<br>43 | 50          | mg/m<br>L Nic<br>Salt | 22.4 | 1    |   | SMOK                     | Blueberry<br>Lemon                                  |
| PHA231<br>94/6  | 27/03/<br>2024 | NPR<br>D-<br>1617<br>2 | Nic<br>salt<br>vaping<br>substa<br>nce | ~ (       | d unde     | 11/20<br>23-<br>02/20<br>24 | 65-35          | 59-<br>41 | 50          | mg/m<br>L Nic<br>salt | 18.2 |      |   | ELFBAR<br>BC3000         | Blue Razz Ice                                       |
| PHA231<br>94/49 | 27/03/<br>2024 | NPR<br>D-<br>1704      | Nic<br>salt<br>vaping<br>substa<br>nce | 2120608   | Dec-24     | 11/20<br>23-<br>02/20<br>24 | 50-50          | 46-<br>54 | 50          | mg/m<br>L             | 28.3 |      |   | CHOSEN<br>- Salts        | Peach &<br>Passionfruit                             |
| PHA241<br>12/8  | 27/03/<br>2024 | NPR<br>D-<br>2100      | Nic<br>freeba<br>se                    | -         | -          | 11/20<br>23-                | 70-30          | 73-<br>27 | 6           | mg                    | 5.7  | 0.7  |   | myohm                    | Energy Shot   |

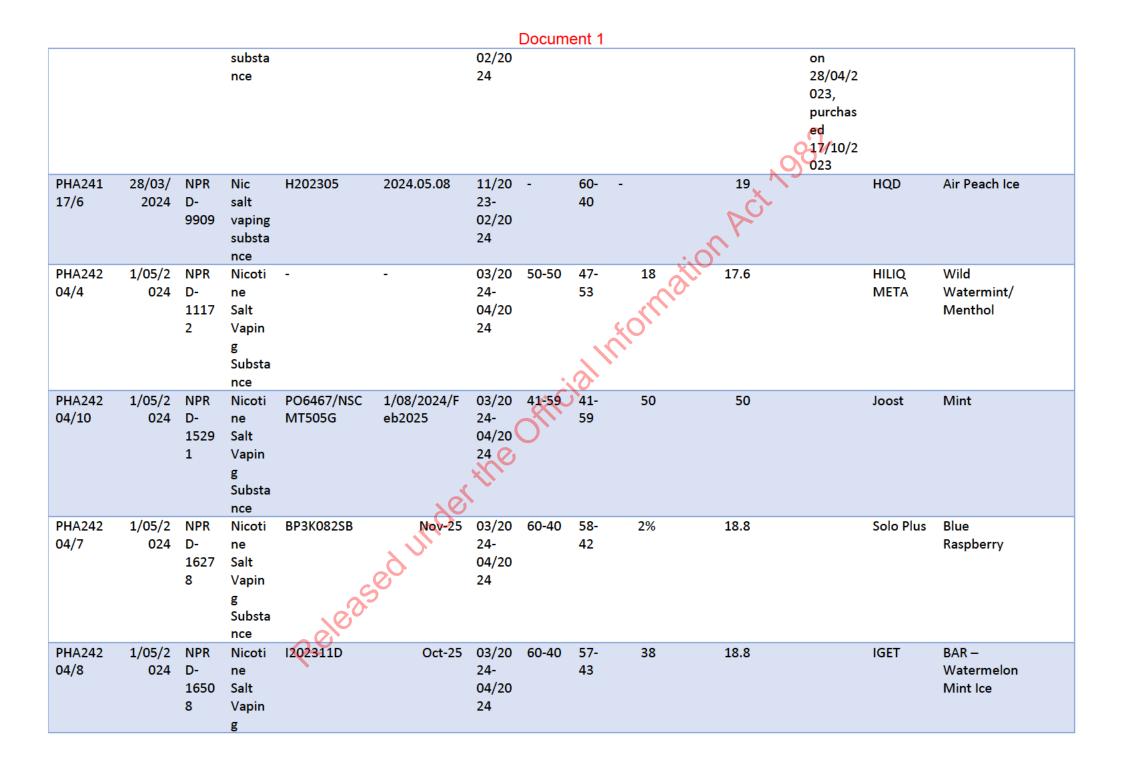
|                |                |                   |  |                   |          |                             | Docum | ent 1     |    |                                 |      |  |                              |                    |
|----------------|----------------|-------------------|--|-------------------|----------|-----------------------------|-------|-----------|----|---------------------------------|------|--|------------------------------|--------------------|
|                |                |                   | vaping<br>substa<br>nce                        |                   |          | 02/20<br>24                 |       |           |    |                                 |      |  |                              |                    |
| PHA241<br>52/3 | 27/03/<br>2024 | NPR<br>D-<br>316  | Nic<br>freeba<br>se<br>vaping<br>substa<br>nce | -                 | Nov-24   | 12/20<br>23-<br>02/20<br>24 | 30-70 | 32-<br>68 | 6  | mg                              | 5.9  | 1982   | Electric<br>Vape             | Grizzly            |
| PHA241<br>12/7 | 27/03/<br>2024 | NPR<br>D-<br>329  | Nic<br>salt<br>vaping<br>substa<br>nce         | CB550032922<br>-1 | 03-29-24 | 11/20<br>23-<br>02/20<br>24 | -     | 3/1/1     | 50 | mg/m<br>L<br>Q                  | 51.7 | 0.8 notif<br>tion<br>expir<br>on<br>02/1<br>023,<br>purcl<br>ed<br>09/1<br>023 | Saltnic<br>red<br>2/2<br>has | Cubano<br>Black    |
| PHA241<br>52/4 | 27/03/<br>2024 | NPR<br>D-<br>3718 | Nic<br>freeba<br>se<br>vaping<br>substa<br>nce | -                 | BB01/25  | 12/20<br>23-<br>02/20<br>24 | 30-70 | 20-<br>80 | 6  | mg/m<br>L                       | 4.8  |  | Twist                        | Iced Pink<br>Punch |
| PHA241<br>52/5 | 27/03/<br>2024 | NPR<br>D-<br>4816 | Nic<br>freeba<br>se<br>vaping<br>substa<br>nce | 268               | ed unde  | 12/20<br>23-<br>02/20<br>24 | 30-70 | 27-<br>73 | 6  | mg/m<br>L                       | 6.5  |  | Pop!                         | Blue<br>Raspberry  |
| PHA241<br>12/6 | 27/03/<br>2024 | NPR<br>D-<br>5439 | Nic<br>salt<br>vaping<br>substa<br>nce         | 141540            | Dec-25   | 11/20<br>23-<br>02/20<br>24 | -     | 42-<br>58 | 30 | mg/m<br>L Nic<br>Salicyl<br>ate | 29.4 | 1.6  | Dinner<br>Lady               | Bubblegum<br>Ice   |

|                |                |                        |  |           |            |                             | Docum | ent 1     |          |                       |      |   |                         |                       |
|----------------|----------------|------------------------|--|-----------|------------|-----------------------------|-------|-----------|----------|-----------------------|------|---|-------------------------|-----------------------|
| PHA241<br>12/5 | 27/03/<br>2024 | NPR<br>D-<br>6191      | Nic<br>salt<br>vaping<br>substa<br>nce         | 871EC-001 | 09/23/2024 | 11/20<br>23-<br>02/20<br>24 | 25-75 | 31-<br>79 | 6        | mg/m<br>L             | 5.8  | <0.3  | Custard<br>Monster      | Blackberry            |
| PHA241<br>12/3 | 27/03/<br>2024 | NPR<br>D-<br>7290      | Nic<br>freeba<br>se<br>vaping<br>substa<br>nce | A190123   | 16/10/2023 | 11/20<br>23-<br>02/20<br>24 | -     | 25-<br>75 | 12       | mg                    | 12.2 | <0.3  | Aotearoa<br>E-Juice     | Cherry Cola           |
| PHA241<br>12/2 | 27/03/<br>2024 | NPR<br>D-<br>7595      | Nic<br>freeba<br>se<br>vaping<br>substa<br>nce | 723284112 | Jul-24     | 11/20<br>23-<br>02/20<br>24 | 30-70 | 27-<br>73 | 3<br>Off | 18tio                 | 2    | <0.3  | Long<br>White<br>Vapour | Melon<br>Dragon Fruit |
| PHA241<br>52/1 | 27/03/<br>2024 | NPR<br>D-<br>9017      | Nic<br>freeba<br>se<br>vaping<br>substa<br>nce | -         | -          | 12/20<br>23-<br>02/20<br>24 | 50-50 | 38-<br>62 | 35       | mg/m<br>L             | 19.4 | notifica<br>tion<br>expired<br>on<br>28/04/2<br>023,<br>purchas<br>ed<br>17/10/2<br>023 | Strapped                | Cool Lemon<br>Sherbet |
| PHA241<br>17/4 | 28/03/<br>2024 | NPR<br>D-<br>1060<br>4 | Nic<br>salt<br>vaping<br>substa<br>nce         | Releas    | 20 UI      | 11/20<br>23-<br>02/20<br>24 |       | 42-<br>58 | 50       | mg/m<br>L Nic<br>Salt | 51.9 | notifica<br>tion<br>expired<br>on<br>27/04/2<br>023,<br>purchas<br>ed<br>11/10/2<br>023 | Kang                    | Cool Mint             |

|                 |                |                        |  |                  |                         |                             | Docum | ent 1     |    |               |      |   |                     |                             |
|-----------------|----------------|------------------------|--|------------------|-------------------------|-----------------------------|-------|-----------|----|---------------|------|---|---------------------|-----------------------------|
| PHA241<br>17/17 | 28/03/<br>2024 | NPR<br>D-<br>1073<br>6 | Nic<br>salt<br>vaping<br>substa<br>nce | VNS330338        | Aug-24                  | 11/20<br>23-<br>02/20<br>24 | 55-45 | 40-<br>60 | 5  | % Nic<br>Salt | 47.9 | notifica<br>tion<br>expired<br>on<br>28/04/2<br>023,<br>purchas<br>ed<br>17/10/2<br>023 | Tokk                | Blue Cloud                  |
| PHA241<br>17/12 | 28/03/<br>2024 | NPR<br>D-<br>1150<br>7 | Nic<br>salt<br>vaping<br>substa<br>nce | EP018026         | 05 2024                 | 11/20<br>23-<br>02/20<br>24 | 62-38 | 53-<br>47 | 30 | mg/m<br>L     | 31.8 | notifica<br>tion<br>expired<br>on<br>15/06/2<br>023,<br>purchas<br>ed<br>16/10/2<br>023 | ELFBAR              | Pink<br>Lemonade            |
| PHA241<br>17/2  | 28/03/<br>2024 | NPR<br>D-<br>1198<br>5 | Nic<br>salt<br>vaping<br>substa<br>nce | A230523          | 17/02/2024              | 11/20<br>23-<br>02/20<br>24 | Offic | 35-<br>65 | 18 | mg            | 10.2 |   | Aotearoa<br>E-Juice | Strawberry<br>Kiwifruit     |
| PHA241<br>17/20 | 28/03/<br>2024 | NPR<br>D-<br>1366<br>6 | Nic<br>salt<br>vaping<br>substa<br>nce | VNS220625        | Jun-24                  | 11/20<br>23-<br>02/20<br>24 | 55-45 | 56-<br>44 | 5  | %             | 46.2 | notifica<br>tion<br>expired<br>on<br>03/10/2<br>023,<br>purchas<br>ed<br>17/10/2<br>023 | Tokk                | Tokk Pod -<br>Pineapple Ice |
| PHA241<br>17/3  | 28/03/<br>2024 | NPR<br>D-              | Nic<br>salt<br>vaping                  | PA0113<br>PA0132 | 3/01/2025<br>27/02/2025 | 11/20<br>23-                | 64-36 | 56-<br>44 | 50 |               | 28.4 |   | AirsPops<br>313     | 23 - Red<br>Apple           |

|                 |                |                        |  |         |            |                             | Docum | ent 1     |    |                       |      |   |                 |                     |
|-----------------|----------------|------------------------|--|---------|------------|-----------------------------|-------|-----------|----|-----------------------|------|---|-----------------|---------------------|
|                 |                | 1441<br>1              | substa<br>nce                          |         |            | 02/20<br>24                 |       |           |    |                       |      |   |                 |                     |
| PHA241<br>17/10 | 28/03/<br>2024 | NPR<br>D-<br>1526<br>3 | Nic<br>salt<br>vaping<br>substa<br>nce | H202303 | 2024.03.29 | 11/20<br>23-<br>02/20<br>24 | -     | 59-<br>41 | 5% | Nic<br>Salt           | 20.4 | bl  | HQD             | XXL Energy<br>Drink |
| PHA241<br>17/7  | 28/03/<br>2024 | NPR<br>D-<br>1534<br>O | Nic<br>salt<br>vaping<br>substa<br>nce | PO6490  | Nov-24     | 11/20<br>23-<br>02/20<br>24 | 60-40 | 61-<br>39 | 50 | mg/m<br>L             | 45.8 | notifica<br>tion<br>expired<br>on<br>02/12/2<br>023,<br>purchas<br>ed<br>16/10/2<br>023 | Joost SU        | Peach Ice           |
| PHA241<br>17/5  | 28/03/<br>2024 | NPR<br>D-<br>1797      | Nic<br>salt<br>vaping<br>substa<br>nce | 62902   | nde        | 11/20<br>23-<br>02/20<br>24 | 50-50 | 48-<br>52 | 20 | mg/m<br>L Nic<br>Salt | 21   | notifica<br>tion<br>expired<br>on<br>26/01/2<br>024,<br>purchas<br>ed<br>11/10/2<br>023 | KIWIAZ<br>SALTS | Yea Nah             |
| PHA241<br>17/8  | 28/03/<br>2024 | NPR<br>D-<br>2152      | Nic<br>salt<br>vaping<br>substa<br>nce | Releas  | 15/06/2024 | 11/20<br>23-<br>02/20<br>24 | 60-40 | 60-<br>40 | 50 | mg/m<br>L             | 47.4 | notifica<br>tion<br>expired<br>on<br>28/01/2<br>024,<br>purchas<br>ed<br>16/10/2<br>023 | Super<br>Salts  | Lychee Ice          |

|                 |                |                   |  |            |            |                             | Docum | ent 1     |                |          |                             |      |   |                           |                       |
|-----------------|----------------|-------------------|--|------------|------------|-----------------------------|-------|-----------|----------------|----------|-----------------------------|------|---|---------------------------|-----------------------|
| PHA241<br>17/13 | 28/03/<br>2024 | NPR<br>D-<br>345  | Nic<br>salt<br>vaping<br>substa<br>nce | 141547     | Dec-25     | 11/20<br>23-<br>02/20<br>24 | -     | 52-<br>48 | 30             | L<br>Sa  | ng/m<br>Nic<br>alicyl<br>te | 31.7 | notifica<br>tion<br>expired<br>on<br>28/04/2<br>023,<br>purchas<br>ed<br>16/10/2<br>023 | Dinner<br>Lady<br>eLiquid | Blackberry<br>Crumble |
| PHA241<br>17/14 | 28/03/<br>2024 | NPR<br>D-<br>371  | Nic<br>salt<br>vaping<br>substa<br>nce | 132763     | Apr-25     | 11/20<br>23-<br>02/20<br>24 | -     | 28-<br>72 | 6              | L<br>C   | ng/m                        | 6.1  |   | Dinner<br>Lady<br>eLiquid | Sweet<br>Tobacco      |
| PHA241<br>17/1  | 28/03/<br>2024 | NPR<br>D-<br>4137 | Nic<br>salt<br>vaping<br>substa<br>nce | 600A8-001  | 09-14-2024 | 11/20<br>23-<br>02/20<br>24 | 25-75 | 27-<br>73 | <b>, (</b> ) 6 | m        | ng                          | 6    |   | The Milk                  | Milk Fruity           |
| PHA241<br>17/16 | 28/03/<br>2024 | NPR<br>D-<br>5393 | Nic<br>salt<br>vaping<br>substa<br>nce | 132782     | Apr-25     | 11/20<br>23-<br>02/20<br>24 | Offi  | 53-<br>47 | 50             | ) m<br>L | ng/m                        | 49.4 | notifica<br>tion<br>expired<br>on<br>28/04/2<br>023,<br>purchas<br>ed<br>16/10/2<br>023 | Dinner<br>Lady            | Blue<br>Menthol       |
| PHA241<br>17/9  | 28/03/<br>2024 | NPR<br>D-<br>602  | Nic<br>salt<br>vaping<br>substa<br>nce | Releas     | May-25     | 11/20<br>23-<br>02/20<br>24 | 40-60 | 39-<br>61 | 12             | L<br>be  | ng/m<br>nic<br>enzo<br>te   | 7.5  |   | Hard Ice                  | Berry Blitz           |
| PHA241<br>17/11 | 28/03/<br>2024 | NPR<br>D-<br>961  | Nic<br>salt<br>vaping                  | 22/05/2023 | 21/05/2025 | 11/20<br>23-                | 28-72 | 63-<br>37 | 50             | m<br>L   | -                           | 51.5 | notifica<br>tion<br>expired   | thevaper<br>snest         | Peach ice             |



|                |               |                        |   |                   |         |                             | Docum | ent 1     |    |       |      |                 |                         |
|----------------|---------------|------------------------|---|-------------------|---------|-----------------------------|-------|-----------|----|-------|------|-----------------|-------------------------|
|                |               |                        | Substa<br>nce                                       |                   |         |                             |       |           |    |       |      |                 |                         |
| PHA242<br>04/2 | 1/05/2<br>024 | NPR<br>D-<br>1770<br>8 | Nicoti<br>ne<br>Salt<br>Vapin<br>g<br>Substa<br>nce | 135976            | Jul-25  | 03/20<br>24-<br>04/20<br>24 | -     | 24-<br>76 | 6  | mg    | 5.9  | Dinner<br>Lady  | Peach<br>Bubble Ice     |
| PHA242<br>04/3 | 1/05/2<br>024 | NPR<br>D-<br>324       | Nicoti<br>ne<br>Salt<br>Vapin<br>g<br>Substa<br>nce | LIS50092622-<br>1 | 9/26/24 | 03/20<br>24-<br>04/20<br>24 | -     | 43-<br>57 | 50 | ation | 51:5 | VGOD<br>Saltnic | Lushice                 |
| PHA242<br>04/1 | 1/05/2<br>024 | NPR<br>D-<br>328       | Nicoti<br>ne<br>Salt<br>Vapin<br>g<br>Substa<br>nce | -                 | -       | 03/20<br>24-<br>04/20<br>24 | offic | 44<br>56  | 25 |       | 25.6 | VGOD<br>Saltnic | Dry Tobacco             |
| PHA242<br>04/6 | 1/05/2<br>024 | NPR<br>D-<br>347       | Nicoti<br>ne<br>Salt<br>Vapin<br>g<br>Substa<br>nce | -                 | Sep-24  | 03/20<br>24-<br>04/20<br>24 | -     | 53-<br>47 | 50 |       | 46.2 | Dinner<br>Lady  | Blue<br>Menthol         |
| PHA242<br>04/5 | 1/05/2<br>024 | NPR<br>D-<br>5345      | Nicoti<br>ne<br>Salt<br>Vapin<br>g<br>Substa<br>nce | Releas            | -       | 03/20<br>24-<br>04/20<br>24 | 40-60 | 58-<br>42 | 50 |       | 39.5 | Summer<br>Lumma | variant fruity<br>cubes |

|                |                |                        |   |                               |            |                             | Docum | ent 1     |              |   |      |        |                           |                                 |
|----------------|----------------|------------------------|---|-------------------------------|------------|-----------------------------|-------|-----------|--------------|---|------|--------|---------------------------|---------------------------------|
| PHA242<br>04/9 | 1/05/2<br>024  | NPR<br>D-<br>8378      | Nicoti<br>ne<br>Salt<br>Vapin<br>g<br>Substa<br>nce | A66704                        | Nov-24     | 03/20<br>24-<br>04/20<br>24 | 30-70 | 25-<br>75 | 6            | mg  | 7.4  | , 082r | Supergo<br>od             | Butter 07                       |
| PHA242<br>32/7 | 16/05/<br>2024 | NPR<br>D-<br>1161<br>3 | Nicoti<br>ne<br>Salt<br>Vapin<br>g<br>Substa<br>nce | 7.50E+85                      | May-25     | 04/20<br>24-<br>05/20<br>24 | 50-50 | 50-<br>50 | 30           | mg/m<br>L nic<br>salicyl<br>ate             | 30.7 | 0.8    | CORE By<br>Dinner<br>Lady | Tropic<br>Mango Chill           |
| PHA242<br>32/8 | 16/05/<br>2024 | NPR<br>D-<br>1225<br>4 | Nicoti<br>ne<br>Salt<br>Vapin<br>g<br>Substa<br>nce | OP-PA0103                     | 18/11/2024 | 04/20<br>24-<br>05/20<br>24 | 60-40 | 59-<br>41 | 50<br>(28,5) | mg/m<br>L nic<br>salts<br>(mg/<br>mL<br>FB) | 26.9 | 2.9    | AirsPops<br>313           | 14 -<br>Strawberry<br>Yogurt    |
| PHA242<br>32/3 | 16/05/<br>2024 | NPR<br>D-<br>1326<br>0 | Nic<br>freeba<br>se<br>vaping<br>substa<br>nce      |                               | Feb-25     | 04/20<br>24-<br>05/20<br>24 | 45-55 | 47-<br>53 | 18           | mg/m<br>L                                   | 17.8 | <0.3   | V                         | Menthol Ice                     |
| PHA242<br>32/2 | 16/05/<br>2024 | NPR<br>D-<br>1506<br>9 | Nicoti<br>ne<br>Salt<br>Vapin<br>g<br>Substa<br>nce | CT20221014_<br>1              | Oct-25     | 04/20<br>24-<br>05/20<br>24 | 30-70 | 29-<br>71 | 6            | mg/m<br>L nic<br>salts                      | 6.1  | 2.2    | Aisu                      | Cactus                          |
| PHA242<br>32/6 | 16/05/<br>2024 | NPR<br>D-<br>2022<br>0 | vaping<br>device                                    | H2303H1206<br>S<br>5144030128 | Dec-24     | 04/20<br>24-<br>05/20<br>24 | 55-45 | 63-<br>37 | 40           | mg/m<br>L nic<br>salts                      | 30.5 | <0.3   | Inmood                    | Inmood<br>Switch<br>Menthol Ice |

|                 |                |                        |   |            |            |                             | Docum | ent 1     |    |                         |        |      |                          |                            |
|-----------------|----------------|------------------------|---|------------|------------|-----------------------------|-------|-----------|----|-------------------------|--------|------|--------------------------|----------------------------|
|                 |                |                        |   |            |            |                             |       |           |    |                         |        |      |                          | Replacement<br>Pod 40 mg   |
| PHA242<br>32/4  | 16/05/<br>2024 | NPR<br>D-<br>2407<br>8 | Nicoti<br>ne<br>Salt<br>Vapin<br>g<br>Substa<br>nce | F231112    | 20251111   | 04/20<br>24-<br>05/20<br>24 |       | 50-<br>50 | 40 | ) mg/<br>L nic<br>salt: | 2      | 4.4  | Vapengi<br>n             | Pineapple                  |
| PHA242<br>32/9  | 16/05/<br>2024 | NPR<br>D-<br>2449<br>7 | vaping<br>device                                    | VP1136     | 20/06/2025 | 04/20<br>24-<br>05/20<br>24 | 36-64 | 63-<br>37 | 40 | ) mg/<br>L nic<br>salt: |        | 3    | Cloudys<br>Booster       | Raspberry<br>Grape         |
| PHA242<br>32/5  | 16/05/<br>2024 | NPR<br>D-<br>2594<br>7 | Nic<br>freeba<br>se<br>vaping<br>substa<br>nce      | 2311108234 | 10/11/2025 | 04/20<br>24-<br>05/20<br>24 | 30-70 | 25-<br>75 | 12 | L mg/                   | m 12.2 | 0.9  | Shelley                  | Banana<br>Caramel          |
| PHA242<br>32/1  | 16/05/<br>2024 | NPR<br>D-<br>2627<br>9 | Nic<br>freeba<br>se<br>vaping<br>substa<br>nce      | 11324      | Mar-26     | 04/20<br>24-<br>05/20<br>24 | 50-50 | 49-<br>51 | 15 | b mg/<br>L              | m 16   | <0.3 | VAPURE                   | Espresso                   |
| PHA242<br>32/10 | 16/05/<br>2024 | NPR<br>D-55            | Nicoti<br>ne<br>Salt<br>Vapin<br>g<br>Substa<br>nce | 18258      | 10082024   | 04/20<br>24-<br>05/20<br>24 | 57-43 | 48-<br>52 | 50 | ) mg                    | 57.3   | 5.7  | Salty<br>Bubble<br>World | Redcurrant<br>Grape cherry |
| PHA242<br>33/7  | 24/05/<br>2024 | NPR<br>D-<br>1218<br>7 | Nicoti<br>ne<br>Salt<br>Vapin<br>g                  | Reit       | 26/07/2024 | 04/20<br>24-<br>05/20<br>24 | 60-40 | 57-<br>43 | 50 | ) mg/<br>L nic<br>salt: | c      |      | AirsPops                 | Pink Crystal               |

|                 |                |                        |   |                   |        |                             | Docum | ent 1     |    |                        |      |                         |                           |
|-----------------|----------------|------------------------|---|-------------------|--------|-----------------------------|-------|-----------|----|------------------------|------|-------------------------|---------------------------|
|                 |                |                        | Substa<br>nce                                       |                   |        |                             |       |           |    |                        |      |                         |                           |
| PHA242<br>33/19 | 24/05/<br>2024 | NPR<br>D-<br>1296<br>O | Nicoti<br>ne<br>Salt<br>Vapin<br>g<br>Substa<br>nce |                   |        | 04/20<br>24-<br>05/20<br>24 | 60-40 | 56-<br>44 | 40 | mg/m<br>L nic<br>salts | 45.2 | Inmood<br>Hi Puff<br>5K | Sour Apple                |
| PHA242<br>33/9  | 24/05/<br>2024 | NPR<br>D-<br>2031<br>6 | Nicoti<br>ne<br>Salt<br>Vapin<br>g<br>Substa<br>nce | 12403B            | Feb-26 | 04/20<br>24-<br>05/20<br>24 | 60-40 | 56-<br>44 | 20 | mg/m<br>L              | 19.6 | lget Bar                | Blueberry<br>Raspberry    |
| PHA242<br>33/12 | 24/05/<br>2024 | NPR<br>D-<br>2033<br>9 | Nicoti<br>ne<br>Salt<br>Vapin<br>g<br>Substa<br>nce | 12401E            | Dec-25 | 04/20<br>24-<br>05/20<br>24 | 40-60 | 58-<br>42 | 20 | mg/m<br>L              | 18.9 | lget Bar                | Cherry<br>Pomegranat<br>e |
| PHA242<br>33/17 | 24/05/<br>2024 | NPR<br>D-<br>2106<br>1 | Nicoti<br>ne<br>Salt<br>Vapin<br>g<br>Substa<br>nce | ed                | under  | 04/20<br>24-<br>05/20<br>24 | 50-50 | 51-<br>49 | 40 | mg<br>nic<br>salt      | 24.8 | Phantom                 | Mint                      |
| PHA242<br>33/8  | 24/05/<br>2024 | NPR<br>D-<br>2305<br>4 | Nicoti<br>ne<br>Salt<br>Vapin<br>g<br>Substa<br>nce | A69412<br>Release | Jan-25 | 04/20<br>24-<br>05/20<br>24 | 30-70 | 26-<br>74 | 6  | mg                     | 6.2  | Supergo<br>od           | Butter 05                 |

|                 |                |                        |   |            |            |                             | Docum  | ent 1             |             |  |           |                                       |  |
|-----------------|----------------|------------------------|---|------------|------------|-----------------------------|--------|-------------------|-------------|--|-----------|---------------------------------------|--|
| PHA242<br>33/10 | 24/05/<br>2024 | NPR<br>D-<br>2321<br>7 | Nicoti<br>ne<br>Salt<br>Vapin<br>g<br>Substa<br>nce | 27/11/2023 | 27/11/2025 | 04/20<br>24-<br>05/20<br>24 |        | 58-<br>42         | 20          | mg/m<br>L  | 18.9      | LOCO<br>R8000                         | LOCO R8000<br>Kit / Grape<br>Raspberry |
| PHA242<br>33/3  | 24/05/<br>2024 | NPR<br>D-<br>2322<br>4 | Nicoti<br>ne<br>Salt<br>Vapin<br>g<br>Substa<br>nce |            | Mar-26     | 04/20<br>24-<br>05/20<br>24 | 40-60  | 38-<br>62         | 12<br>(6.8) | mg/m<br>L Nic<br>benzo<br>ate<br>(mg/<br>mL<br>FB) | 7.1<br>AC | Black<br>Sheep                        | Vanilla<br>Tobacco                     |
| PHA242<br>33/6  | 24/05/<br>2024 | NPR<br>D-<br>2357<br>7 | vaping<br>device                                    | С9000Н     | Nov-25     | 04/20<br>24-<br>05/20<br>24 | 60-40  | 58-<br>42         | 20<br>1020  | mg/m<br>L  | 18.7      | Lords bar<br>7000<br>pro/bar<br>7000  | Lords bar<br>7000 pro/bar<br>7000 pod* |
| PHA242<br>33/11 | 24/05/<br>2024 | NPR<br>D-<br>2395<br>0 | Nicoti<br>ne<br>Salt<br>Vapin<br>g<br>Substa<br>nce | PN4A2528BP | Jan-25     | 04/20<br>24-<br>05/20<br>24 | 50-50° | <b>57</b> -<br>43 | 28          | mg/m<br>L  | 28.9      | Bud Pods                              | Passionfruit<br>Sour                   |
| PHA242<br>33/4  | 24/05/<br>2024 | NPR<br>D-<br>2411<br>3 | Nicoti<br>ne<br>Salt<br>Vapin<br>g<br>Substa<br>nce | 281123     | 27/11/2024 | 04/20<br>24-<br>05/20<br>24 | 60-40  | 60-<br>40         | 32          | mg/m<br>L nic<br>salts                             | 19.6      | Akso Igo<br>6000<br>Puffs<br>with Ren | Peach<br>Blueberry                     |
| PHA242<br>33/20 | 24/05/<br>2024 | NPR<br>D-<br>2439<br>6 | Nicoti<br>ne<br>Salt<br>Vapin<br>g                  | FOG231218  | 2026.5     | 04/20<br>24-<br>05/20<br>24 |        | 58-<br>42         | 50          | mg/m<br>L nic<br>salts                             | 23.6      | Iplay fog                             | Watermelon<br>Pineapple                |

|                |                |           |               |          |            |              | Docum         | ent 1     |      |                      |                |                     |                       |
|----------------|----------------|-----------|---------------|----------|------------|--------------|---------------|-----------|------|----------------------|----------------|---------------------|-----------------------|
|                |                |           | Substa        |          |            |              |               |           |      |                      |                |                     |                       |
|                | / /            |           | nce           |          |            |              |               |           |      |                      |                |                     |                       |
| PHA242         | 24/05/         | NPR       | Nicoti        | 3062301  | Jun-25     | 04/20        | 50-50         | 45-       | 25   | mg/m                 | 13.5           | Master<br>-         | Apple Pear            |
| 33/13          | 2024           | D-        | ne<br>Salt    |          |            | 24-          |               | 55        |      | L nic                |                | Tang                |                       |
|                |                | 2496<br>5 | Salt<br>Vapin |          |            | 05/20<br>24  |               |           |      | salts                | o l            |                     |                       |
|                |                | 5         | g             |          |            | 24           |               |           |      |                      | , O'O'         |                     |                       |
|                |                |           | Substa        |          |            |              |               |           |      |                      |                |                     |                       |
|                |                |           | nce           |          |            |              |               |           |      |                      | C.             |                     |                       |
| PHA242         | 24/05/         | NPR       | Nicoti        | I2312Q   | Nov-25     | 04/20        | 60-40         | 57-       | 38   | mg/m                 | 18.9           | IGET BAR            | Watermelon            |
| 33/15          | 2024           | D-        | ne            |          |            | 24-          |               | 43        |      | L                    | N <sup>1</sup> | PLUS                | Mint                  |
|                |                | 2537      | Salt          |          |            | 05/20        |               |           |      | × O                  | •              |                     |                       |
|                |                | 7         | Vapin         |          |            | 24           |               |           |      | $\mathcal{O}^{\sim}$ |                |                     |                       |
|                |                |           | g<br>Substa   |          |            |              |               |           | ~~~  |                      |                |                     |                       |
|                |                |           | nce           |          |            |              |               | S         | .O`  |                      |                |                     |                       |
| PHA242         | 24/05/         | NPR       | Nicoti        | NZ2401YD | 28/01/2026 | 04/20        |               | 53-       | 28.5 | mg/m                 | 28.7           | Тор                 | Kiwifruit             |
| 33/16          | 2024           | D-        | ne            |          |            | 24-          |               | 47        |      | L                    |                |                     | Pineapple             |
|                |                | 2544      | Salt          |          |            | 05/20        | i ch          | 0         |      |                      |                |                     |                       |
|                |                | 1         | Vapin         |          |            | 24           | - Al          |           |      |                      |                |                     |                       |
|                |                |           | g<br>Culturta |          |            | (            | $\mathcal{O}$ |           |      |                      |                |                     |                       |
|                |                |           | Substa<br>nce |          |            | 0.           |               |           |      |                      |                |                     |                       |
| PHA242         | 24/05/         | NPR       | Nicoti        | 3102604  | Oct-25     | 04/20        | 50-50         | 43-       | 50   | mg/m                 | 27.9           | FROZEN              | Apple                 |
| 33/2           | 2024           | D-        | ne            | 5102001  |            | 24-          |               | 57        |      | Lnic                 | 2710           | CHOSEN              | , ppro                |
| ,              |                | 2557      | Salt          |          | <u></u> ©  | 05/20        |               |           |      | salts                |                | - Salts             |                       |
|                |                | 6         | Vapin         |          |            | 24           |               |           |      |                      |                |                     |                       |
|                |                |           | g             |          |            |              |               |           |      |                      |                |                     |                       |
|                |                |           | Substa        | 0        | 0          |              |               |           |      |                      |                |                     |                       |
| DUADAD         | 24/05/         | NIDD      | nce           | 5240124  | 20260122   | 04/20        |               | 50        | 40   |                      | 10.0           | Mananai             | Dessienfwit           |
| PHA242<br>33/5 | 24/05/<br>2024 | NPR       | Nicoti        | F240124  | 20260123   | 04/20<br>24- |               | 53-<br>47 | 40   | mg/m<br>L nic        | 18.9           | Vapengi<br>n Vulcan | Passionfruit<br>Guava |
| 55/5           | 2024           | 2570      | ne<br>Salt    |          |            | 24-<br>05/20 |               | 47        |      | salts                |                | II VUICAII          | Juava                 |
|                |                | 5         | Vapin         | ~~       |            | 24           |               |           |      | 54.00                |                |                     |                       |
|                |                |           | g             |          |            |              |               |           |      |                      |                |                     |                       |
|                |                |           | Substa        |          |            |              |               |           |      |                      |                |                     |                       |
|                |                |           | nce           |          |            |              |               |           |      |                      |                |                     |                       |

|                 |                |                        |   |                 |            |   | Docum | ent 1     |                |                        |            |                 |   |                                       |
|-----------------|----------------|------------------------|---|-----------------|------------|---|-------|-----------|----------------|------------------------|------------|-----------------|---|---------------------------------------|
| PHA242<br>33/14 | 24/05/<br>2024 | NPR<br>D-<br>2584<br>6 | Nicoti<br>ne<br>Salt<br>Vapin<br>g<br>Substa<br>nce | 2024.01.28      | 2026.01.27 | 04/20<br>24-<br>05/20<br>24                 | 60-40 | 58-<br>42 | 40             | mg/m<br>L nic<br>salts | 19.4       | 28 <sup>2</sup> | Serein<br>Mech<br>Pro<br>10000<br>puffs | Kiwifruit<br>Guava                    |
| PHA242<br>33/1  | 24/05/<br>2024 | NPR<br>D-<br>2611<br>4 | Nicoti<br>ne<br>Salt<br>Vapin<br>g<br>Substa<br>nce | 240203BN29<br>P | Feb-26     | 04/20<br>24-<br>05/20<br>24                 | 55-45 | 57-<br>43 | 2.85<br>(28.5) | 5<br>(mg/<br>mL)       | 29.2<br>PC |                 | Solo<br>Pods                            | Banana                                |
| PHA242<br>33/18 | 24/05/<br>2024 | NPR<br>D-<br>2647<br>4 | Nicoti<br>ne<br>Salt<br>Vapin<br>g<br>Substa<br>nce | 20231220        | Jan-26     | 04/20<br>24-<br>05/20<br>24                 | 63-37 | 60-<br>40 | 28.5           | mg/m<br>L              | 28.3       |                 | TILT                                    | Strawberry<br>Raspberry               |
| PHA231<br>48/4  | 5/06/2<br>024  | NPR<br>D-<br>1312<br>7 | vape<br>device                                      |                 | der        | 11/20<br>23-<br>02/20<br>24,<br>05/20<br>24 | 50-50 | 34-<br>66 | 30             | mg<br>salt             | 32.7 0.    | 5               | Wotofo<br>Mega+<br>Disposab<br>le Vape  | variant<br>Lemon cola                 |
| PHA241<br>12/10 | 5/06/2<br>024  | NPR<br>D-<br>1747<br>5 | Nicoti<br>ne<br>Salt<br>Vapin<br>g<br>Substa<br>nce | 230101          | 20240710   | 11/20<br>23-<br>02/20<br>24,<br>05/20<br>24 | 50-50 | 55-<br>45 | 50             | mg<br>salt             | 25.7 4.    | 8               | Typhoon<br>Circle<br>Disposab<br>Ie     | variant<br>Grapefruit<br>Passionfruit |
| PHA241<br>17/18 | 5/06/2<br>024  | NPR<br>D-<br>1804<br>5 | Nicoti<br>ne<br>Salt<br>Vapin                       | 1202302         | Jan-25     | May-<br>24                                  | 60-40 | 53-<br>47 | 50             |                        | 18.6       |                 | IGET                                    | XXL - Grape                           |

|                 |               |                        |   |            |           |                             | Docum | ent 1     |      |                       |                |                    |                          |             |
|-----------------|---------------|------------------------|---|------------|-----------|-----------------------------|-------|-----------|------|-----------------------|----------------|--------------------|--------------------------|-------------|
|                 |               |                        | g<br>Substa<br>nce                                  |            |           |                             |       |           |      |                       |                |                    |                          |             |
| PHA242<br>44/1  | 5/06/2<br>024 | NPR<br>D-<br>183       | Nic<br>freeba<br>se<br>vaping<br>substa<br>nce      |            |           | 04/20<br>24-<br>05/20<br>24 | 50-50 | 52-<br>48 | 18   | mg                    | 16.6<br>(1,08) | SHOSHA             | Guarana<br>Drink         |             |
| PHA242<br>44/2  | 5/06/2<br>024 | NPR<br>D-<br>2364<br>9 | vape<br>device                                      | NZ20240105 | 4/01/2026 | 04/20<br>24-<br>05/20<br>24 |       | 59-<br>41 | 20   | mg/m<br>L             | 22.2           | Bingo              | Blueberry                |             |
| PHA242<br>44/5  | 5/06/2<br>024 | NPR<br>D-<br>2376<br>1 | Nic<br>freeba<br>se<br>vaping<br>substa<br>nce      |            | 08/30/25  | 04/20<br>24-<br>05/20<br>24 | 30-70 | 25-<br>75 | lorr | mg                    | 5.8            | TFN<br>Vape        | Sweet<br>Mango           |             |
| PHA242<br>44/3  | 5/06/2<br>024 | NPR<br>D-<br>2400<br>2 | vape<br>device                                      |            | Jan-25    | 04/20<br>24-<br>05/20<br>24 | 55-45 | 52-<br>48 | 40   | mg/m<br>L nic<br>salt | 34.9           | Inmood<br>10K      | Peach Apple              | cart<br>oon |
| PHA242<br>44/4  | 5/06/2<br>024 | NPR<br>D-<br>2409<br>5 | vape<br>device                                      | F240110    | 20260109  | 04/20<br>24-<br>05/20<br>24 |       | 47-<br>53 | 40   | mg/m<br>L nic<br>salt | 19.5           | Vapengi<br>n       | Strawberry<br>Watermelon |             |
| PHA241<br>17/19 | 5/06/2<br>024 | NPR<br>D-<br>2849      | Nicoti<br>ne<br>Salt<br>Vapin<br>g<br>Substa<br>nce | BN2051802  | May-24    | May-<br>24                  | 50-50 | 46-<br>54 | 25   | mg                    | 13             | Vape<br>Box Salts  | Lemon Tart               |             |
| PHA241<br>17/15 | 5/06/2<br>024 | NPR<br>D-<br>4131      | Nicoti<br>ne<br>Salt<br>Vapin                       | AF5B8B-001 |           | Мау-<br>24                  |       | 53-<br>47 | 6    | mg<br>salt            | 5.5            | Tobacco<br>Monster | Rich                     |             |

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## Memo

## Post-market surveillance testing of vaping products

| Date:             | 24 June 2024   |  |  |  |  |
|-------------------|--|--|--|--|--|
| То:               | Dr Andrew Old, Deputy Director-General, Public Health Agency   Te Pou Hauora<br>Tūmatanui                            |  |  |  |  |
| Cc:               | Jane Chambers, Group Manager, Public Health Policy and Regulation, Public Health<br>Agency   Te Pou Hauora Tūmatanui |  |  |  |  |
| From:             | Gill Hall, Manager Ope te Tatua, Public Health Agency   Te Pou Hauora Tūmatanui                                      |  |  |  |  |
| For your:         | Action   |  |  |  |  |
| Purpose of report |  |  |  |  |  |

## **Purpose of report**

This memo raises risks and issues with the current vaping product testing approach and seeks 1. your endorsement of the future direction of post-market testing as we develop a product strategy.

## Issue with current post-market surveillance testing

### Background to the current testing programme

- 2. One of the purposes and intent of the Smokefree Environments and Regulated Products Act (the Act) is to minimise harm and regulate the safety of vaping products. The Act and regulations require manufacturers to test their products annually and report the results to the Director-General of Health (DG). Section 71 of the Act allows the DG to request additional safety information about a product if they have reasonable safety concerns about a product.
- 3. The Ministry of Health (the Ministry) contracted ESR in January 2023 to perform post-market surveillance testing for regulated products. There is no strategy in place which guides what product testing should be undertaken, including what action is required following receipt of testing results.
- 4. This testing programme was introduced by the Vaping Regulatory Authority (VRA) as part of a suite of testing and scientific analysis (method development, quality assurance testing, environmental sampling, and understanding the vape product landscape) aiming to support the regulatory functions of the VRA, and to give effect to the (now repealed) 2022 amendments to the Act relating to the Tobacco Regulatory Authority (TRA).
- 5. The Ministry positions vaping products as harm-reduction tools only to be used by people who smoke cigarettes. It would be reasonable to expect vaping products to contain the level of nicotine they claim to have, so consumers can make informed choices when deciding what products to use on their journey to quit smoking.





- 6. There are several benefits to collecting and analysing vaping product testing data; these include supporting policy work on manufacturing polices and supporting product monitoring (by providing objective safety-related information on products) and compliance work (for product ingredients and labelling).
- 7. The regulated products team is still building its capability to fully recognise these benefits.

### Issues with testing results from 2023-24

- 8. Since January 2023, ESR has tested 116 vaping products with a total spend of <u>s 9(2)(b)(ii)</u> (approximately <u>s 9(2)(b)(ii)</u> per test). The annual budget set aside for vaping product testing in 2023-24 is \$200,000.
- 9. In January 2024, we analysed testing results from products sourced in March 2023 with the Intelligence, Surveillance, and Knowledge group (ISK) and found 36 out of 51 products tested had a variance of over 10% between tested nicotine concentration<sup>1</sup> and what was labelled on the product.
- 10. Further analysis was done for products sourced in June and November 2023, with similar results.
- 11. s 9(2)(b)(ii)

### Impact of 23/24 testing results

12. s 9(2)(b)(ii)

the results are concerning, because they indicate that at least some vaping products are not being manufactured in a high quality, consistent manner.

- 13. The overall risks and issues identified include:
  - i. the need for clearer requirements for product testing
  - ii. the regulated products team capacity to respond to the issues in a timely way and develop appropriate compliance/communication processes
  - iii. product non-compliance, dating back to March 2023 which poses legal and reputational risk for the Ministry.

## Addressing the issue

### Remedial approach

- 14. To address the issues above, the testing programme is being incorporated into a broader regulated products strategy, and into the general work programme.
- 15. The regulated products strategy will consider the testing regulations and highlight opportunities to ensure regulatory compliance in the pre-notification phase, notification

Officials from Medsafe have advised the VRA that a +/- 10% variance between the labelled and tested amount of active ingredient is common in the pharmaceutical industry and is also used for quality tests for medicinal cannabis as required under the Misuse of Drugs (Medicinal Cannabis) Regulations 2019<sup>1</sup>.





process, through to post-market monitoring and surveillance. The strategy will ensure that the testing programme provides assurance that actions taken at all stages are effective. We will provide an overview of the broader products strategy to you once it has been developed.

### Options for post market surveillance testing

### 16. s 9(2)(b)(ii)

17. We have explored other options for the testing programme. The options are discussed below, and the analysis of options is in Table 1.

### Option 1: Cancel the current testing programme

- 18. Cancelling the ESR testing programme has the following risks:
  - i. reputational the public may perceive cancelling the test programme as the Ministry not taking product compliance seriously. It would also signal to manufacturers and importers that the Ministry is not interested in product quality or compliance with the Regulations.
  - public safety the Ministry has identified a significant proportion of products containing different amounts of nicotine than the label claims. Choosing not to investigate the issue further may result in many users continuing to over or underdose their vapes.
  - iii. failing to give effect to the Act, as its purpose is to minimise harm and regulate the safety of vaping products.

### Option 2: status quo

- 19. This option continues testing through ESR but not take any compliance action as a result.
- 20. There are reputational risks to continue to test while not taking compliance action. Testing without follow up could negatively impact on the public trust and perception of the Ministry, it may appear that the Ministry is unwilling to take any action against vaping manufacturers.
- 21. If we continue to test, we also have an obligation to inform manufacturers or importers of products that their products contain more nicotine than is labelled, even if they do not take any action to remedy this.

### Option 3: Increase number of products tested and develop compliance pathway

- 22. Continuing to test and take compliance action aligns with the intention of the Act to minimise harm and regulate the safety of vaping products.
- 23. The VRA commissions ESR to conduct testing, looking at nicotine concentrations only, as a proxy for manufacturing quality.
- 24. Compliance action is undertaken based on the results of testing, with additional triplicate testing in instances where notifiers dispute the veracity of testing results.





### Table 1 – summary of options

|  | Option 1: Cancel<br>the current testing<br>programme | Option 2: status quo -<br>continue to test, continue<br>to not use the testing<br>results | Option 3: Increase<br>number of products<br>tested and develop<br>compliance pathway |
|--|--|---|--|
| Alignment with<br>intent of the<br>regulator |  | 0   | ++   |
| Cost   | \$0K   | s 9(2)(b)(ii)   | s 9(2)(b)(ii)  |
| Risks (negative<br>means<br>increased risk)  |  | 0   |  |
|  |  |   | Recommended  |
| Key  |  |   |  |

- Slightly better than status quo
  - Slightly worse than status quo
- Significantly better than status quo Significantly worse than status guo
- 25. Our recommended approach is option 3 s 9(2)(b)(ii)

### Budget and contract management

- The budget ringfenced for testing for  $\frac{1}{2024}$  is  $\frac{1}{2020}$  and we expect option 3 to fall 26. within that total. The forecast budget allows for some contingency funding for additional proactive and reactive projects that have been identified as valuable. These are either ad hoc in nature or not fully scoped at this time and include:
  - pilot testing of other substances if appropriate (Appendix 2) a.
  - specific project based and reactive testing of products for compliance and enforcement b. purposes
  - testing of other nicotine containing products as required (eg, heated tobacco, or oral C. tobacco products)
  - further surveillance testing d.
  - reactive testing in response to an adverse event report. e.
- 27. Priorities for this additional testing will be determined following completion of the product strategy.
- 28. s 9(2)(b)(ii)

<sup>&</sup>lt;sup>2</sup> This is a current estimate, we are awaiting revised pricing structure from ESR.





- 29. If managed well the proposed post market surveillance testing option will require at least 0.5
   1 FTE<sup>3</sup> on an ongoing basis to support.
- 30. We will provide a detailed breakdown of resource model and priorities once the product strategy is completed.
- 31. We will report quarterly on progress of this programme of work.

### Addressing 2023/24 testing results

32. We will close out the 2022-2024 testing programme. To do this, we will contact all notifiers of tested products and provide their results by 31 July 2024. Following this, we will work with the communications team to publish a summary of these test results by 30 September 2024 on the Ministry Website.

### 33. s 9(2)(b)(ii)

However, we will direct ESR to retest all products (and/or other products from the relevant notifiers) that have been identified as failing by a significant margin in the 2024-2025 programme.

34. We have also identified a number of SOP's, processes and templates (eg, for letters to manufacturers) that are required. As resourcing allows, we will continue to develop these. These will support timely processing of test data in future and will allow our decision making around additional testing of non-compliant products to be more streamlined.

### **Next steps**

eleg.

- 35. We are meeting with ESR and confirming the testing programme and cost for the 2024/25 year.
- 36. We will contact all notifiers of tested products to provide their results by 31 July 2024.
- 37. The VRA will provide you with quarterly updates on this work programme, including test results.
- 38. We will provide a product strategy by the end of July 2024.

<sup>&</sup>lt;sup>3</sup> We have considered that the following activities are needed – project management of testing, analysis of results, follow up notification and publication of results, additional compliance case management where required. In addition, there is initial development of SOP's to manage this work.





### **Recommendations**

It is recommended that you:

| 1 End  | lorse              | testing option 3- surveillance testing of 250 products annually, and stage two (triplicate testing) where required. | Yes/No |
|--------|--------------------|---|--------|
| 2. Not | te                 | the VRA will update you quarterly on the product testing results.   | Noted  |
| 3 Not  | te                 | the VRA will develop a product strategy by the end of July 2024.  | Noted  |
|        | ector (<br> th Age | ency   Te Pou Hauora Tūmatanui  |        |





# Appendix 1 - The current scope of product testing, budget and findings to date

- 1. ESR test a random sample of vaping substance products available on the New Zealand market. These are randomly selected using the HARP public database of notified products. These are either vaping liquids sold as refilling solutions or replacement pods, or pre-filled vaping devices.
- 2. ESR tests each product for:
  - a. Nicotine concentration
  - b. Propylene glycol (PG) concentration
  - c. Vegetable glycerine (VG) concentration
  - d. And calculate the PG:VG ratio
- 3. ESR make written observations relating to schedule 5 of the Smokefree Environments and Regulated Products Regulations relating to safety including labelling and take photos.
- 4. Approximately 10% of products tested are also tested for:
  - a. Ethanol concentration
  - b. Water concentration
  - c. pH (how acid, neutral or alkaline the substance is)
  - d. Colour observation of the liquid
  - e. Density of the liquid
- 5. In the 2023-2024 financial year, ESR has so far tested 116 products with a total spend of <u>s 9(2)(b)(ii)</u>. The annual budget set aside for post-market vaping product testing is currently \$200,000.
- 6. ESR reports are received monthly as written reports and a meeting to discuss specific reports and test results.
- 7. The January 2024 analysis by ISK found 55 out of 66 products (83%) tested to date had a variance of over 10% between the tested nicotine concentration and what was labelled on the product.
- 8. Testing data results provided by ESR since January 2024 has consistently shown:
  - a. at least 25% of products tested have greater than 10% variance between the labelled nicotine concentration and the tested nicotine concentration.
  - b. there are a number of products still available on the market that testing indicates contain more than the maximum 28.5mg/mL freebase nicotine (free-base) concentration. These are often mis-labelled as 50mg/mL nicotine salt.
  - c. a large number of products do not meet labelling requirements, are using prohibited variant (flavour) descriptions, do not have removable batteries, or have prohibited imagery (cartoons) on the packaging.





## Appendix 2 – testing for other substances.

- 1. Currently the most useful information we receive from the ESR testing programme is nicotine concentration as it's the active ingredient in vapes, and it's legislated for.
- 2. Propylene glycol and glycerine (PG/VG) are tested as a package with nicotine. PG/VG ratios can be important from a consumer experience perspective, as they affect the 'mouth feel' of vapour, but there are no known safety considerations.
- 3. The Regulations prescribe a list of prohibited compounds that vaping substances cannot contain, and an additional list of prohibited compounds that have a maximum concentration limit. While the VRA can request these compounds be tested for, routine or surveillance testing for all or some of the prohibited compounds would be expensive to implement and have limited benefit in terms of safety or compliance action.
- 4. Any changes to what chemical compounds we direct ESR to detect and quantify is likely to increase costs substantially as all tests will need to be validated prior to entering routine use and many will require purchase of reference standards. There will also be a time delay in when these tests can become routine as it takes time to validate these tests.
- 5. Some of the prohibited compounds would only be detected if they had been purposefully added (eg, caffeine, taurine, prohibited sweeteners). They're unlikely to be introduced to the vaping substance by accident. It would be most beneficial to test specific products if we had other evidence that these products contained these compounds.
- 6. Our recommended approach is to review and rank the many compounds and additives that could be present in vaping products and carry out small scale pilot tests on those that are most harmful and most likely to be present. Where issues are indicated through the pilot testing, we will investigate further. We will develop this as part of the ongoing programme.

### A specific note about testing for heavy metals:

- 7. Heavy metals are often cited in literature about the health harms of vaping.
- 8. There are two potential sources of heavy metal contamination in vaping products vaping substance ingredients and the metal wire used for the coil. As the coil heats it will shed heavy metals into the vapour. This is supported by the research below showing that increased vaping resulted in higher heavy metal biomarkers.
- 9. The current testing methodology will not detect contamination from coils, as that requires regular use of the vaping device.

### A specific note about testing for flavour compounds:

- 10. It has been suggested that testing for specific flavour compounds may be useful to determine whether a product has the same flavour it claims to have, or to ensure that a product is suitable for sale in a GVR (ie, it is only mint, menthol or tobacco flavour).
- 11. Flavour chemistry is complex to test for. There are a lot of individual chemical compounds that make up what we perceive as a flavour. For example, vanilla flavour can consist of 3-4 different vanillin compounds. There is also a lot of overlap in chemical compounds for different flavours, the same compound may appear in a flavour labelled coconut or peach.
- 12. At the moment, a chemical test for flavour compounds is not a good indicator of how the flavour or aroma will be perceived. This is not specific to vaping substances, many flavour





profiles of food ingredients are determined by a mixture of chemical assay, and taste and aroma testing by humans.

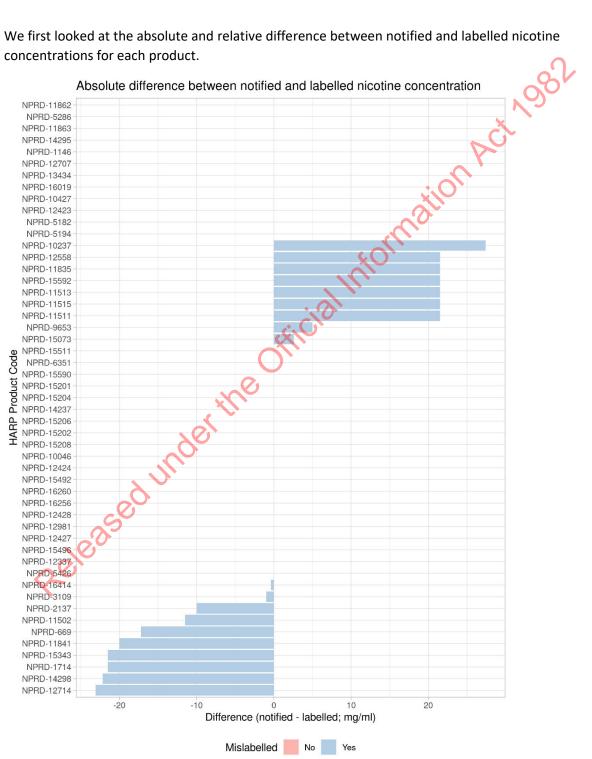
13. The cost of testing for flavours as a surveillance tool is prohibitive. This is because of the number of reference standards required and the time needed to analyse the results.

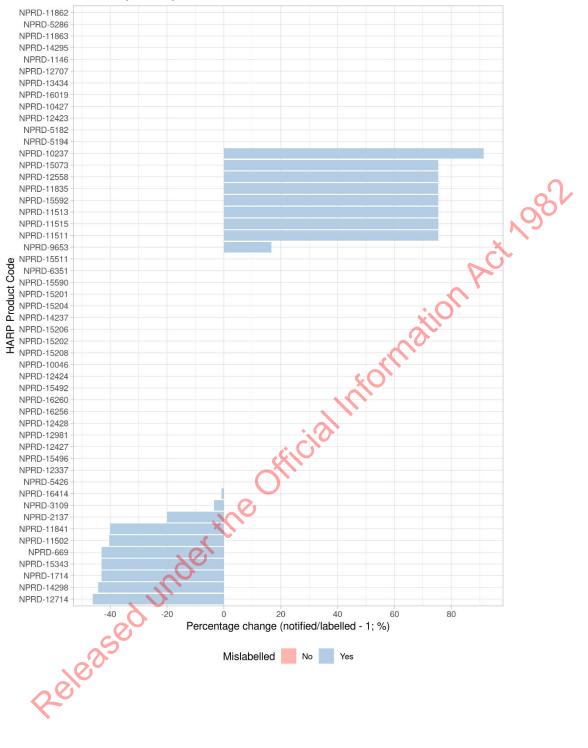
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## ESR testing of nicotine concentrations in vaping products

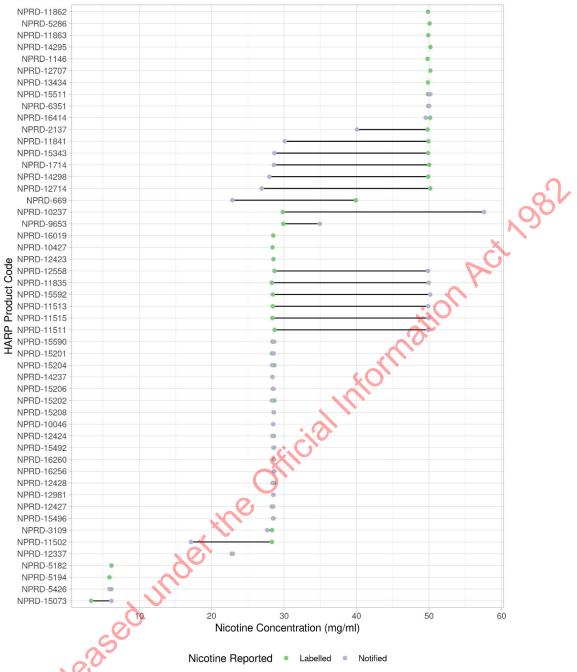
### Summary of tables and figures with basic descriptive commentary

We first looked at the absolute and relative difference between notified and labelled nicotine concentrations for each product.





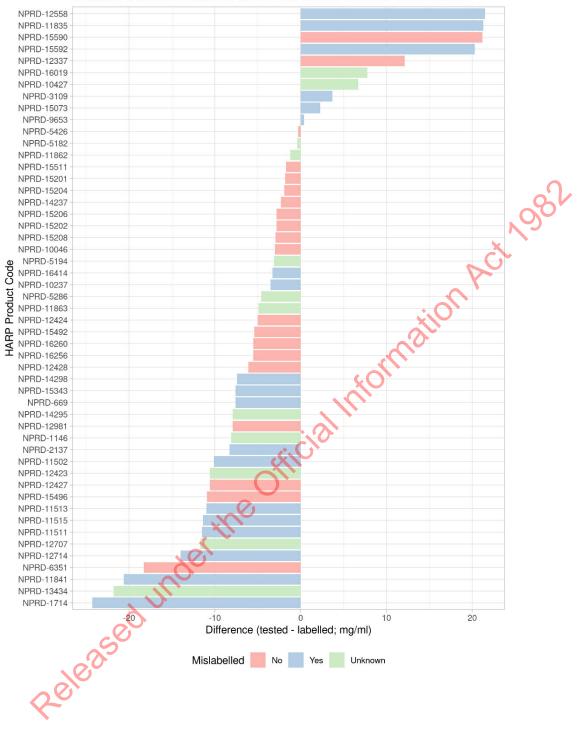
Percentage change from notified to labelled nicotine concentration



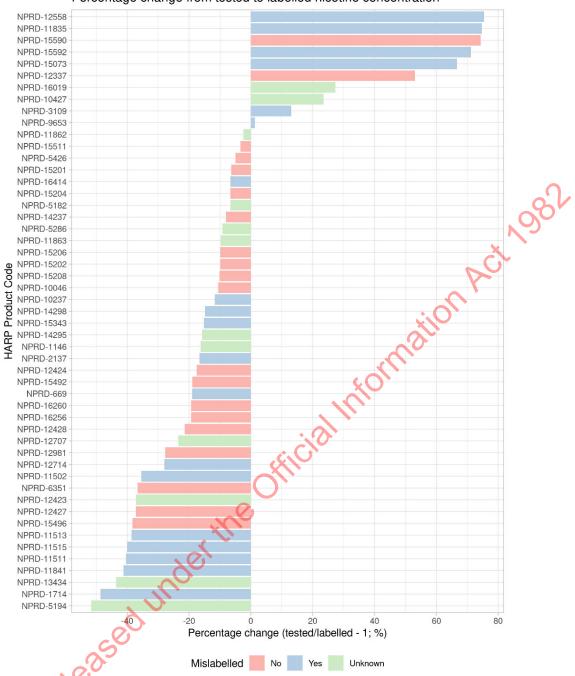
### Labelled and notified nicotine concentration by product

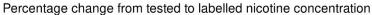
We found that 12 products did not have any notified value and could not be assessed. 20 products have the same notified and labelled nicotine concentration and 19 products differed. The major sources of error were products in the 25-30mg/ml labelled range having notified as 50mg/ml or higher and vice versa. We created a new variable called "Mislabelled" to represent these products that have difference between the notified and labelled nicotine concentrations.

We next looked at ESR tested values against labelled nicotine concentrations both in terms of absolute and relative differences.



#### Absolute difference between tested and labelled nicotine concentration

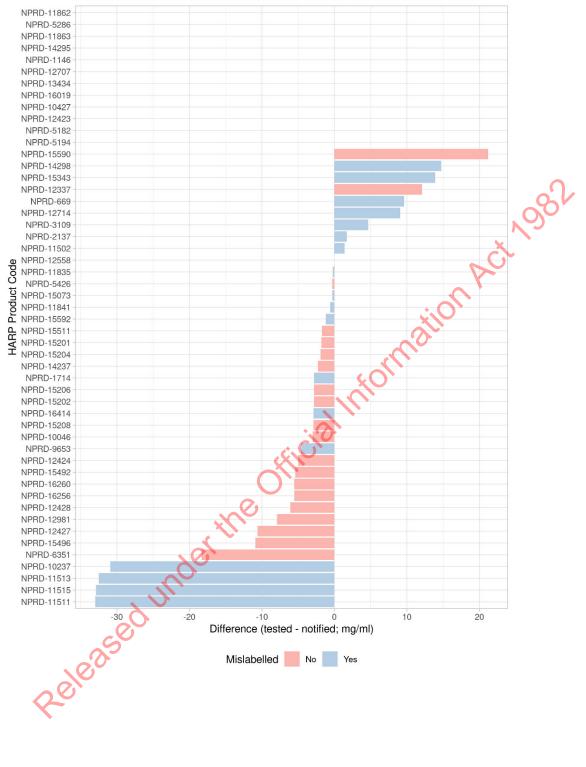




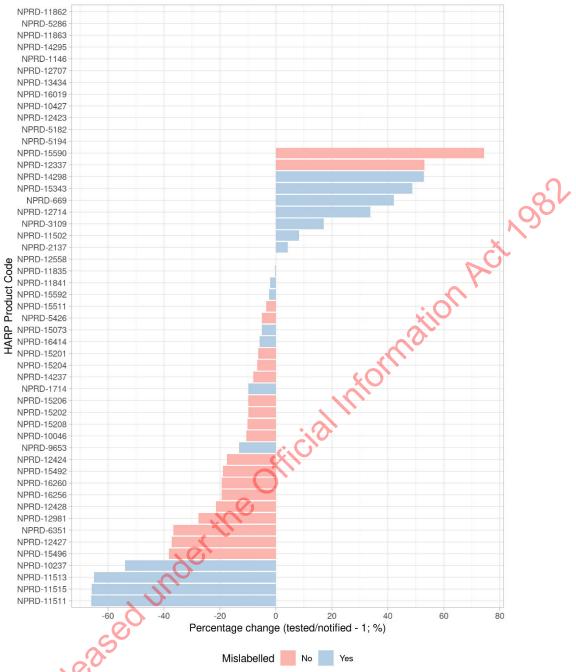
We found that most tests had lower nicotine concentration. Only 10 products had higher nicotine concentrations in the ESR tests, of which 6 were mislabelled, 2 were correctly labelled and 2 did not have a notified concentration. 6 had absolute differences greater than 10mg/ml. All except 1 had greater than 5% deviation from the labelled concentration.

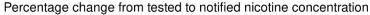
Amongst products with lower tested nicotine levels, the majority had a greater than 5mg/ml difference and three exceeded 20mg/ml. Mislabelling might explain part of the error but the differences for both absolute and relative were substantial.

Next, we checked the absolute and relative difference between tested and notified nicotine concentrations.



#### Absolute difference between tested and notified nicotine concentration





Those 12 products without notified nicotine concentrations are listed at the top. We again found that most products had lower tested nicotine concentrations than their notified values. Compared to labelled concentrations, the differences observed for notified concentrations were generally smaller, except for 4 products where the absolute difference exceeded -30mg/ml and greater than 50% reduction.

To allow for direct comparison for each product, the figure below shows all the reported nicotine concentrations.



### Reported nicotine concentration by product

Freebase products have low nicotine concentrations and although their absolute differences are small, their relative differences can be substantial. Most labelled products under 30mg/ml have lower tested nicotine concentrations with a few going below 20mg/ml. A similar pattern is also generally observed for products at higher nicotine concentrations besides a few mislabelled products. Another major finding is that many products have tested values that differ from both the labelled and notified nicotine concentrations.