

HIGH NORTH ID:

Date: 2025-02-12



High North Inc.
241 Hanlan Rd, Unit 7
Woodbridge, ON, L4L 3R7
1-416-864-6119
LIC-P4PNJMAC20-2022



Product: [Redacted] Formulation [Redacted]
Matrix: Oil LOT: H056LLS-VP1
Sub-matrix: Extract KS Mar 18 2025
Sampled: 2025-02-04
Received: 2025-02-05
Temperature on Receipt: 21.0°C

Certificate of Analysis

| Cannabinoid Analysis | LOD (%) | LOQ (%) | wt% | mg/g |
|--|---------|---------|---------|----------|
| Total THC [(THCA x 0.877) + D9-THC] | | | 95.6831 | 956.8307 |
| Total CBD [(CBDA x 0.877) + CBD] | | | ND | ND |
| D9-THC | 0.1 | 0.2 | 95.6831 | 956.8307 |
| THCV | 0.1 | 0.2 | 0.4180 | 4.1801 |
| CBN | 0.1 | 0.2 | ND | ND |
| CBG | 0.1 | 0.2 | ND | ND |
| CBCA | 0.1 | 0.2 | ND | ND |
| THCA-A | 0.1 | 0.2 | ND | ND |
| CBC | 0.1 | 0.2 | ND | ND |
| D8-THC | 0.1 | 0.2 | ND | ND |
| CBCVA | 0.1 | 0.2 | ND | ND |
| THCVA | 0.1 | 0.2 | ND | ND |
| CBCV | 0.1 | 0.2 | ND | ND |
| CBD | 0.1 | 0.2 | ND | ND |
| CBGA | 0.1 | 0.2 | ND | ND |
| CBDA | 0.1 | 0.2 | ND | ND |
| CBDV | 0.1 | 0.2 | ND | ND |
| CBDVA | 0.1 | 0.2 | ND | ND |
| Total of all quantified cannabinoids: | | | 96.1011 | 961.0108 |
| Method: LAB-MTD-020 (ISO 17025:2017 Accredited) | | | | |

| Visual Inspection/Olfactory | Result |
|-----------------------------|---------------|
| Foreign Matter | None Detected |

Method: LAB-MTD-022 (ISO 17025:2017 Accredited)

Abbreviations: wt% = percentage of weight, CFU = colony forming units, ppm = Parts per million, ppb = Parts per billion, ND = None Detected, BLQ = Below Limit of Quantification, LOQ = Limit of Quantification, LOD = Limit of Detection, RL = Reporting Limit, * = Mixture of Isomers

Authorized by:



ISO 17025:2017
Accredited Laboratory





| Mycotoxin Analysis | LOD (ppb) | LOQ (ppb) | RL (ppb) | Result (ppb) | Status |
|---------------------------|-----------|-----------|----------|--------------|--------|
| Aflatoxin-B1 | 0.4000 | 2 | 2 | ND | PASS |
| Aflatoxin-B2 | 0.4000 | 2 | | ND | |
| Aflatoxin-G1 | 0.3000 | 2 | | ND | |
| Aflatoxin-G2 | 0.5000 | 2 | | ND | |
| Sum of Aflatoxins: | | | 4 | 0 | PASS |

Method: LAB-MTD-046 (ISO 17025:2017 Accredited)

| Microbial Analysis | LOD (CFU/g) | RL (CFU/g) | Result (CFU/g) | Status |
|-----------------------------|-------------|------------|----------------|--------|
| Bile-Tolerant Gram-Negative | | | Absent in 1g | PASS |
| S.aureus/P.aeruginosa | | | Absent in 1g | PASS |
| Total Aerobic Count | 12 | 200 | < 12 | PASS |
| Total Yeast and Mold Count | 2 | 20 | < 2 | PASS |
| Salmonella | | | Absent in 25g | PASS |
| E.coli | | | Absent in 1g | PASS |

Method: MIC-MTD-001 (ISO 17025:2017 Accredited)

| Heavy Metals Analysis | LOD (ppm) | LOQ (ppm) | RL (ppm) | Result (ppm) | Status |
|------------------------------|-----------|-----------|----------|--------------|--------|
| Arsenic | 0.067 | 0.2 | 0.2 | ND | PASS |
| Cadmium | 0.008 | 0.05 | 0.3 | ND | PASS |
| Lead | 0.010 | 0.50 | 0.5 | ND | PASS |
| Mercury | 0.003 | 0.05 | 0.1 | ND | PASS |

Method: LAB-MTD-050 (ISO 17025:2017 Accredited)

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Authorized by:

Baroiden
 Jessica Baroiden
 Quality Control and Release

ISO 17025:2017
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| Residual Solvents Analysis | LOD (ppm) | LOQ (ppm) | RL (ppm) | Result (ppm) | Status |
|-----------------------------------|-----------|-----------|----------|--------------|--------|
| 1-Butanol | 136.46 | 1000 | 5000 | ND | PASS |
| 1-Pentanol | 102.40 | 1000 | 5000 | ND | PASS |
| 1-Propanol | 199.71 | 1000 | 5000 | ND | PASS |
| 2-Butanol | 48.38 | 1000 | 5000 | ND | PASS |
| 2-Methyl-1-propanol | 153.28 | 1000 | 5000 | ND | PASS |
| 2-Propanol | 142.60 | 1000 | 5000 | ND | PASS |
| 3-Methyl-1-butanol | 64.03 | 1000 | 5000 | ND | PASS |
| Acetone | 81.47 | 1000 | 5000 | ND | PASS |
| Anisole | 54.77 | 1000 | 5000 | ND | PASS |
| Butane | 141.06 | 1000 | 5000 | ND | PASS |
| Butyl acetate | 40.51 | 1000 | 5000 | ND | PASS |
| Dimethyl sulfoxide | 96.05 | 1000 | 5000 | ND | PASS |
| Ethanol | 179.88 | 1000 | 5000 | ND | PASS |
| Ethyl acetate | 89.17 | 1000 | 5000 | ND | PASS |
| Ethyl ether | 105.42 | 1000 | 5000 | ND | PASS |
| Ethyl formate | 194.93 | 1000 | 5000 | ND | PASS |
| Heptane | 109.56 | 1000 | 5000 | ND | PASS |
| Isobutyl acetate | 48.49 | 1000 | 5000 | ND | PASS |
| Isopropyl acetate | 118.80 | 1000 | 5000 | ND | PASS |
| Methyl acetate | 87.65 | 1000 | 5000 | BLQ | PASS |
| Methylethyl ketone | 97.35 | 1000 | 5000 | ND | PASS |
| Pentane | 102.77 | 1000 | 5000 | ND | PASS |
| Propane | 130.88 | 1000 | 5000 | ND | PASS |
| Propyl acetate | 58.63 | 1000 | 5000 | ND | PASS |
| Tert-Butylmethyl ether | 115.57 | 1000 | 5000 | ND | PASS |
| Triethylamine | 22.07 | 1000 | 5000 | ND | PASS |

Method: LAB-MTD-034, LAB-MTD-036 (ISO 17025:2017 Accredited)

Comments

This COA cancels and supersedes certificate 1738878820 dated 2025-02-06.

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