

HIGH NORTH ID:
00007656
Date: 2020-08-25



241 Hanlan Rd, Unit 7
Woodbridge, ON, L4L 3R7
1-416-864-6119

Client: Allure Global
8830 Jane Street,
Vaughan, ON, L4K2M9
Name: Sandro Costa
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Strain: HEMP
Lot: RF041720
Matrix: Oil
Sampled: 2020-08-19
Received: 2020-08-19

Certificate of Analysis

| Cannabinoid Analysis | LOD (%) | LOQ (%) | wt% | |
|-------------------------------------|---------|---------|--------|--------|
| Total THC [(THCA x 0.877) + D9-THC] | | | | |
| Total CBD [(CBDA x 0.877) + CBD] | | | 99.837 | 998.37 |
| CBD | 0.0081 | 0.03 | 99.837 | 998.37 |
| D8-THC | 0.0074 | 0.03 | ND | ND |
| CBC | 0.0092 | 0.03 | ND | ND |
| THCA-A | 0.004 | 0.03 | ND | ND |
| D9-THC | 0.0086 | 0.03 | ND | ND |
| THCV | 0.0068 | 0.03 | ND | ND |
| CBN | 0.0069 | 0.03 | ND | ND |
| CBG | 0.0028 | 0.03 | ND | ND |
| CBGA | 0.007 | 0.03 | ND | ND |
| CBDV | 0.0073 | 0.03 | ND | ND |
| CBDA | 0.008 | 0.03 | ND | ND |

| Mycotoxin Analysis | LOD (ppb) | LOQ (ppb) | RL (ppb) | Result (ppb) | Status |
|---------------------------|-----------|-----------|----------|--------------|--------|
| Aflatoxin-B1 | 0.9 | 2 | 2 | ND | PASS |
| Aflatoxin-B2 | 0.8 | 2 | | ND | PASS |
| Aflatoxin-G1 | 0.9 | 2 | | ND | PASS |
| Aflatoxin-G2 | 0.8 | 2 | | ND | PASS |
| Sum of Aflatoxins: | | | 4 | 0 | PASS |
| Ochratoxin-A | 9.4 | 20 | 20 | ND | PASS |

Abbreviations: wt% = percentage of dry 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

Authorized by:


Bernie Mangiola
Laboratory Manager

| Heavy Metals Analysis | LOD (ppm) | LOQ (ppm) | RL (ppm) | Result (ppm) | Status |
|------------------------------|-----------|-----------|----------|--------------|--------|
| Arsenic | 0.053 | 1 | 2 | ND | PASS |
| Cadmium | 0.007 | 0.25 | 2 | ND | PASS |
| Lead | 0.035 | 2.5 | 5 | ND | PASS |
| Mercury | 0.007 | 0.25 | 1 | ND | PASS |

| Residual Solvents Analysis | LOD (ppm) | LOQ (ppm) | RL (ppm) | Result (ppm) | Status |
|-----------------------------------|-----------|-----------|----------|--------------|--------|
| 1-Butanol | 22.7 | 1000 | 5,000 | ND | PASS |
| 1-Pentanol | 28.9 | 1000 | 5,000 | ND | PASS |
| 1-Propanol | 44.6 | 1000 | 5,000 | ND | PASS |
| 2-Butanol | 20.1 | 1000 | 5,000 | ND | PASS |
| 2-Methyl-1-propanol | 11.6 | 1000 | 5,000 | ND | PASS |
| 2-Propanol | 13.3 | 1000 | 5,000 | ND | PASS |
| 3-Methyl-1-butanol | 16.8 | 1000 | 5,000 | ND | PASS |
| Acetic acid | 1247.3 | 5000 | 5,000 | ND | PASS |
| Acetone | 19.4 | 1000 | 5,000 | ND | PASS |
| Anisole | 104 | 1000 | 5,000 | ND | PASS |
| Butyl acetate | 67.3 | 1000 | 5,000 | ND | PASS |
| Dimethyl sulfoxide | 55.8 | 1000 | 5,000 | ND | PASS |
| Ethanol | 34.5 | 1000 | 5,000 | ND | PASS |
| Ethyl acetate | 17.3 | 1000 | 5,000 | ND | PASS |
| Ethyl ether | 27 | 1000 | 5,000 | ND | PASS |
| Ethyl formate | 92.5 | 1000 | 5,000 | ND | PASS |
| Heptane | 19.2 | 1000 | 5,000 | ND | PASS |
| Isobutyl acetate | 28.4 | 1000 | 5,000 | ND | PASS |
| Isopropyl acetate | 13.5 | 1000 | 5,000 | ND | PASS |
| Methyl acetate | 26.9 | 1000 | 5,000 | ND | PASS |
| Methylethyl ketone | 13.1 | 1000 | 5,000 | ND | PASS |
| Pentane | 35.7 | 1000 | 5,000 | ND | PASS |
| Propyl acetate | 13.5 | 1000 | 5,000 | ND | PASS |
| Tert-Butylmethyl ether | 134.2 | 1000 | 5,000 | ND | PASS |
| Triethylamine | 22.4 | 1000 | 5,000 | ND | PASS |

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Details of Testing

Cannabinoid Analysis

Analysis of 11 cannabinoids by HPLC. LOQ is 0.3% for resins and isolates.
HIGH NORTH Laboratories Method: LAB-MTD-020

Terpene Analysis

Profiling for 41 terpenes by GC-MS/MS
HIGH NORTH Laboratories Method: LAB-MTD-018

Moisture Analysis

Loss on drying
HIGH NORTH Laboratories Method: LAB-MTD-017

Microbial Analysis

Molecular detection and quantitation by qPCR
HIGH NORTH Laboratories Method: MIC-MTD-001

Mycotoxin Analysis

Determination of Aflatoxins B1, B2, G1, G2 and Ochratoxin A by LC-MS/MS
HIGH NORTH Laboratories Method: LAB-MTD-010

Heavy Metal Analysis

Determination of Heavy Metal contamination (Arsenic, Cadmium, Lead & Mercury) by ICP-MS
HIGH NORTH Laboratories Method: LAB-MTD-019

Residual Solvents Analysis

Determination of 24 Residual Solvents by GC-MS/MS
HIGH NORTH Laboratories Method: LAB-MTD-005

Pesticide Analysis

Determination of 96 Pesticide Residues by LC-MS/MS and GC-MS/MS
HIGH NORTH Laboratories Method: LAB-MTD-010

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