

HIGH NORTH ID:
00051879
Date: 2021-05-14
Certificate: 1621023726



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

Client:

Strain: SECRET MINTZ

Name:



Lot: DC-12 / 13

Matrix: Flower

Sub-matrix: Dried Flower

Sampled: 2021-05-11

Received: 2021-05-13

Certificate of Analysis

Cannabinoid Analysis	LOD (%)	LOQ (%)	wt%	mg/g
Total THC [(THCA x 0.877) + D9-THC]			25.788	257.878
Total CBD [(CBDA x 0.877) + CBD]			0.082	0.82
THCA-A	0.0090	0.03	29.139	291.387
CBGA	0.0041	0.03	1.396	13.964
D9-THC	0.0093	0.03	0.233	2.332
CBG	0.0094	0.03	0.197	1.965
CBDA	0.0100	0.03	0.094	0.935
D8-THC	0.0137	0.03	ND	ND
CBC	0.0060	0.03	ND	ND
CBD	0.0069	0.03	ND	ND
THCV	0.0093	0.03	ND	ND
CBN	0.0067	0.03	ND	ND
CBDV	0.0090	0.03	ND	ND
Total of all quantified cannabinoids:			31.058	310.583

Terpene Analysis	LOD (%)	LOQ (%)	wt%
(R)-(+)-Limonene	0.0001	0.01	0.614
Trans-Caryophyllene	0.0001	0.01	0.584
Linalool	0.0001	0.01	0.247
beta-Myrcene	0.0001	0.01	0.235
Farnesene-2	0.0001	0.01	0.171
alpha-Humulene	0.0001	0.01	0.119
Guaiol	0.0001	0.01	0.101
beta-Pinene	0.0001	0.01	0.072
Terpineol (mix of isomers)	0.0001	0.01	0.068
alpha-Pinene	0.0001	0.01	0.05
(R)-Endo-(+)-Fenchyl	0.0001	0.01	0.046

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

Authorized by:

Ryan Lee
Quality Assurance

Terpene Analysis	LOD (%)	LOQ (%)	wt%
alpha-Bisabolol	0.0001	0.01	0.038
trans-Nerolidol	0.0001	0.01	0.036
Camphene	0.0001	0.01	0.014
Valencene	0.0001	0.01	0.013
Caryophyllene oxide	0.0001	0.01	BLQ
Terpinolene	0.0001	0.01	BLQ
trans-beta-Ocimene	0.0001	0.01	BLQ
Phytol	0.0001	0.06	BLQ
Geraniol	0.0001	0.01	BLQ
Fenchone (mix of isomers)	0.0001	0.01	BLQ
(+)-Cedrol	0.0001	0.01	ND
cis-Nerolidol	0.0001	0.01	ND
Eugenol	0.0001	0.01	ND
Geraniol acetate	0.0001	0.01	ND
alpha-Cedrene	0.0001	0.01	ND
Pulegone	0.0001	0.01	ND
Citronellol	0.0001	0.01	ND
Nerol	0.0001	0.01	ND
gamma-Terpineol	0.0001	0.01	ND
Isoborneol	0.0001	0.01	ND
Camphor (mix of isomers)	0.0001	0.01	ND
Hexahydrothymol	0.0001	0.01	ND
Isopulegol	0.0001	0.01	ND
Sabinene Hydrate	0.0001	0.01	ND
gamma-Terpinene	0.0001	0.01	ND
Ocimene (mixture of	0.0001	0.01	ND
p-Isopropyltoluene (p-	0.0001	0.01	ND
Eucalyptol	0.0001	0.01	ND
alpha-Phellandrene	0.0001	0.01	ND
alpha-Terpinene	0.0001	0.01	ND
(1S)-3-Carene	0.0001	0.01	ND
Sabinene	0.0001	0.01	ND
Total of all quantified terpenes:			2.408

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Details of Testing

Cannabinoid Analysis

Analysis of 11 Cannabinoids by HPLC & UHPLC

LOQ of 0.3% for Resins/Distillates/Isolates; 0.025% for Tablets; 0.03% for Flower/Oil Samples

HIGH NORTH Laboratories Methods: LAB-MTD-020, LAB-MTD-021, LAB-MTD-023 & LAB-MTD-030

Terpene Analysis

Profile of 42 Terpenes by GC-MS/MS

Cannabis Flower, Oil

HIGH NORTH Laboratories Method: LAB-MTD-018

Moisture Analysis

Water Activity & Moisture Content (Loss on Drying)

HIGH NORTH Laboratories Method: LAB-MTD-031 & LAB-MTD-017

Microbial Analysis, Powdery Mildew & Gender Determination

Molecular detection and quantitation by PCR & qPCR

Cannabis Flower, Cannabis-Infused Products

HIGH NORTH Laboratories Method: MIC-MTD-001 & MIC-MTD-005

Mycotoxin Analysis

Determination of Aflatoxins B1, B2, G1, G2 and Ochratoxin-A by LC-MS/MS

Cannabis Flower, Oil, Tablets

HIGH NORTH Laboratories Method: LAB-MTD-010, LAB-MTD-029

Heavy Metal Analysis

Determination of Heavy Metal contamination (Arsenic, Cadmium, Lead & Mercury) by ICP-MS

Cannabis Flower, Oil, Topicals, Tablets

HIGH NORTH Laboratories Method: LAB-MTD-027

Residual Solvents Analysis

Determination of 25 Residual Solvents by GC-MS/MS

Cannabis Oil, Tablets

HIGH NORTH Laboratories Method: LAB-MTD-005 & LAB-MTD-028

Pesticide Analysis

Determination of 96 Pesticide Residues by LC-MS/MS and GC-MS/MS

Cannabis Flower, Oil

HIGH NORTH Laboratories Method: LAB-MTD-010

Determination of Butane and Propane Residual Solvents in Cannabis Oil

HIGH NORTH Laboratories Method: LAB-MTD-034

Foreign Matter Analysis

Visual/Magnified Inspection for Foreign Matter

HIGH NORTH Laboratories Method: LAB-MTD-022

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