HIGH NORTH ID: 00104701

Date: 2021-11-18

Certificate: 1637277642



High North Inc. 241 Hanlan Rd, Unit 7 Woodbridge, ON, L4L 3R7 1-416-864-6119 LIC-P4PNJMAC20-2019

Client: North 40 Cannabis

PO Box 2684,

Nipawin, SK, S0E 1E0

Name: Gord Nichol

780-907-9220

gord@north40cannabis.com

Strain: Platinum OG Lot: OGB38R3A

Matrix: Flower

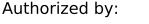
Sub-matrix: Infused Flower Sampled: 2021-11-09 Received: 2021-11-12

Certificate of Analysis

Cannabinoid Analysis	LOD (%)	LOQ (%)	wt%	mg/g
Total THC [(THCA \times 0.877) + D9-THC] Total CBD [(CBDA \times 0.877) + CBD]			38.155 0.127	381.549 1.273
THCA-A	0.0090	0.03	41.625	416.252
D9-THC	0.0093	0.03	1.65	16.496
CBGA	0.0041	0.03	1.081	10.811
CBG	0.0094	0.03	0.174	1.738
CBDA	0.0100	0.03	0.145	1.452
CBC	0.0060	0.03	ND	ND
D8-THC	0.0137	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 cannabinoic	ds:		44.675	446.749

Microbial Analysis	RL (CFU/g	Result (CFU/g)) Status
Total Aerobic Count	500,000	196	PASS
Total Yeast and Mold Count	50,000	ND	PASS
Bile-Tolerant Gram-Negative	10,000	ND	PASS
Salmonella		Absent in 10g PASS	
E.coli		Absent in 10g	PASS

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





Details of Testing

Cannabinoid Analysis

Analysis of 11 Cannabinoids by HPLC & UHPLC

Method LAB-MTD-020: Flower (LOQ 0.06%), Oil (LOQ 0.03%), Extracts (LOQ 0.6%)

Method LAB-MTD-021: Isolates (LOQ 0.06%)

Method LAB-MTD-023: Tablets & Granules (LOQ 0.025%)

Method LAB-MTD-030: Topicals (LOQ 0.005%)

Terpene Analysis

Profile of 42 terpenes by GC/MS

Method LAB-MTD-035: Cannabis Flower, Oil

Pesticide Analysis

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

Method LAB-MTD-010: Cannabis Flower, Oil

Mycotoxin Analysis

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

Method LAB-MTD-010: Cannabis Flower, Oil

Method LAB-MTD-029: Tablets Method LAB-MTD-037: Topicals

Heavy Metal Analysis

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

Method LAB-MTD-027: Cannabis Flower, Oil, Topicals, Tablets

Residual Solvents Analysis

Determination of 24 Residual Solvents by GC/MS

Method LAB-MTD-036: Cannabis Oil

Method LAB-MTD-028: Tablets

Determination of Butane and Propane Residual Solvents in Cannabis Oil

Method LAB-MTD-034 (GC/MS): Cannabis Oil

Microbial Analysis, Powdery Mildew & Gender Determination

Molecular detection and quantitation by PCR & qPCR

Cannabis Flower, Oil, Cannabis-Infused Products

Method MIC-MTD-001 (TAMC, TYMC, BTGN, E.coli, Salmonella, Staph/Pseudomonas)

Method MIC-MTD-005: (Powdery Mildew & Gender Determination)

Moisture Analysis

Water Activity & Moisture Content (Loss on Drying)

Method LAB-MTD-017 (Loss on Drying; Dry flower only)

Method LAB-MTD-031 (Water activity, a,,,)

Foreign Matter Analysis

Visual/Magnified Inspection for Foreign Matter Method LAB-MTD-022

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Authorized by:

