

HIGH NORTH ID:
00034352
Date: 2021-03-02
Serial #: 1614714249



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

Client:

Strain: Black Cherry Punch

Name:



Lot: F-011

Matrix: Flower

Sub-matrix: N/A

Sampled: 2021-02-25

Received: 2021-02-26

Certificate of Analysis

Cannabinoid Analysis	LOD (%)	LOQ (%)	wt%	mg/g
Total THC [(THCA x 0.877) + D9-THC]			23.689	236.887
Total CBD [(CBDA x 0.877) + CBD]			0.108	1.08
THCA-A	0.0090	0.03	26.727	267.268
CBGA	0.0041	0.03	0.808	8.085
D9-THC	0.0093	0.03	0.249	2.493
CBG	0.0094	0.03	0.123	1.235
CBDA	0.0100	0.03	0.123	1.232
D8-THC	0.0137	0.03	ND	ND
CBC	0.0060	0.03	ND	ND
CBN	0.0067	0.03	ND	ND
CBD	0.0069	0.03	ND	ND
THCV	0.0093	0.03	ND	ND
CBDV	0.0090	0.03	ND	ND
Total of all quantified cannabinoids:			28.031	280.313

Terpene Analysis	LOD (%)	LOQ (%)	wt%
Trans-Caryophyllene	0.0001	0.01	0.394
(R)-(+)-Limonene	0.0001	0.01	0.332
beta-Myrcene	0.0001	0.01	0.296
Linalool	0.0001	0.01	0.164
alpha-Humulene	0.0001	0.01	0.114
Guaiol	0.0001	0.01	0.092
alpha-Bisabolol	0.0001	0.01	0.085
beta-Pinene	0.0001	0.01	0.057
Terpineol (mix of isomers)	0.0001	0.01	0.05
alpha-Pinene	0.0001	0.01	0.04
(R)-Endo-(+)-Fenchyl	0.0001	0.01	0.035

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:

Krishna Pandya
QA Associate

Terpene Analysis	LOD (%)	LOQ (%)	wt%
Camphene	0.0001	0.01	0.015
Caryophyllene oxide	0.0001	0.01	0.014
trans-Nerolidol	0.0001	0.01	BLQ
Fenchone (mix of isomers)	0.0001	0.01	BLQ
Terpinolene	0.0001	0.01	BLQ
Citronellol	0.0001	0.01	BLQ
Phytol	0.0001	0.06	ND
(+)-Cedrol	0.0001	0.01	ND
Farnesene-2	0.0001	0.01	ND
Valencene	0.0001	0.01	ND
cis-Nerolidol	0.0001	0.01	ND
Eugenol	0.0001	0.01	ND
alpha-Cedrene	0.0001	0.01	ND
Pulegone	0.0001	0.01	ND
Geraniol acetate	0.0001	0.01	ND
Nerol	0.0001	0.01	ND
Geraniol	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
Isopulegol	0.0001	0.01	ND
Hexahydrothymol	0.0001	0.01	ND
Sabinene Hydrate	0.0001	0.01	ND
Eucalyptol	0.0001	0.01	ND
Ocimene (mixture of	0.0001	0.01	ND
gamma-Terpinene	0.0001	0.01	ND
trans-beta-Ocimene	0.0001	0.01	ND
p-Isopropyltoluene (p-	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:			1.688

Moisture Analysis 8.52%

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QA Associate

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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