

Order #: CYP201001-060011 Order Date: 2020-10-01 Collection Date: 2020-10-05 Report Date: 2020-10-12

Batch #: 051
 Sample #: AAAQ293
 Specimen Type: CBD/HEMP Flower & Plants (External Use)
 Extracted From: Hemp
 Description: Northern Lights

Initial Gross Weight: 86.650 g
 Specimen Weight: 200.65 mg
 Method: SOP-3



Potency Tested Terpenes Tested



The photos on this report are of a sample collected by the lab and may vary from the final packaging.

Total CBD 10.750%	Total THC 0.389%	Total CBG 0.298%
Total CBN 0.021%	Other Cannabinoids 0.268%	Total Cannabinoids 11.725%

Potency - 11 (Tested)

(HPLC/LCMS)

Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)
CBC	1.859	0.186	0.001	CBD	21.970	2.197	0.001	CBDA	97.520	9.752	0.001
CBDV	0.818	0.082	0.001	CBG	0.836	0.084	0.001	CBGA	2.445	0.245	0.001
CBN	0.211	0.021	0.001	Delta-8 THC	<LOQ	0.001		Delta-9 THC	2.306	0.231	0.001
THCA-A	1.804	0.180	0.001	THCV	<LOQ	0.001		Total CBD	107.495	10.750	0.001
Total THC	3.888	0.389	0.001								

*Total CBD = CBD + (CBD-A * 0.877), *Total THC = THCA-A * 0.877 + Delta 9 THC, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A (mg/g) = Milligram per Gram, , LOQ = Limit of Quantitation, , LOD = Limit of Detection

Xueli Gao
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Terpenes - FL (Tested)								(GC/GCMS)			
Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)
(+)-Cedrol	<LOQ		0.02	(R)-(+)-Limonene	0.370	0.037	0.02	3-Carene	<LOQ		0.02
Alpha-Bisabolol	<LOQ		0.02	alpha-Cedrene	<LOQ		0.02	alpha-Humulene	<LOQ		0.02
alpha-Phellandrene	<LOQ		0.02	Alpha-Pinene	0.670	0.067	0.02	Alpha-Terpinene	<LOQ		0.02
Borneol	<LOQ		0.04	Beta-Myrcene	1.860	0.186	0.02	Beta-Pinene	0.300	0.030	0.02
Caryophyllene oxide	<LOQ		0.02	Camphene	<LOQ		0.02	Camphors	<LOQ		0.04
Fenchyl Alcohol	<LOQ		0.02	cis-Nerolidol	<LOQ		0.02	Eucalyptol	0.530	0.053	0.02
Guaiol	<LOQ		0.02	Farnesene	<LOQ		0.02	Fenchone	<LOQ		0.02
Isopulegol	<LOQ		0.02	Gamma-Terpinene	<LOQ		0.02	Geraniol	<LOQ		0.02
Ocimene	<LOQ		0.014	Hexahydrothymol	<LOQ		0.02	Geranyl acetate	<LOQ		0.02
Sabinene Hydrate	<LOQ		0.02	Linalool	<LOQ		0.02	Isoborneol	<LOQ		0.02
trans-beta-Ocimene	0.070	0.007	0.006	Pulegone	<LOQ		0.02	Nerol	<LOQ		0.02
				Terpineol	<LOQ		0.02	Sabinene	<LOQ		0.02
				Trans-Caryophyllene	0.700	0.070	0.02	Terpinolene	0.570	0.057	0.02
								trans-Nerolidol	<LOQ		0.02
								Valencene	<LOQ		0.02

(mg/g) = Milligram per Gram, , LOQ = Limit of Quantitation

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