

Product: 1000 MG Organic Whole Plant Infusion
Description: Hemp derived CBD rich whole plant extract in organic coconut oil
Unit Size: 30 mL
Serving Size: 1 mL
Product Code: W33MN-30

Harvest Source: Kingsbury Market Garden
Cultivar: Sour Space Candy
Batch ID: 86590200323
Production ID: SREQ12200296
DOM: 17-Dec-21



Quality	Method	Specification	Result	Result
Total CBD:	9051-HPLCUV	> 1000 MG	1072	PASS
Total THC:	9051-HPLCUV	< 0.30	0.14	PASS
Appearance:	ASTM E1627 - 11	Light amber viscous liquid		PASS
Odor:	ASTM E1627 - 11	Floral, earthy		PASS
Hemp Terpenes:	9534-GCMS	Detectable (PPM)	88	PASS
Minor Cannabinoids:	9051-HPLCUV	Detectable (MG)	147	PASS
Safety	Method	Specification	Result	Result
Water Activity	D8196-18	< 0.600	0.298	PASS
Solvents:	C5923-GCMS (Internal)	USP 467		PASS
Pesticides:	C5838 LCMSMS/AOAC 2007.01	OAR333-007-0400/EPA		PASS
Mycotoxins:	C5838 LCMSMS/AOAC 2007.01	MDH Exhibit 6		PASS
Heavy Metals:	ICPMS (External Partner)	MDH Exhibit 4		PASS

Product of Vermont USA



Test Method: 9534-GCMS

Tets Method: 9051-HPLCUV

9051-HPLCUV

Terpene Profile	Parts Per Million	Parts Per Million	Cannabinoid Potency	MG Per Unit	MG Per Serving	
a-Pinene	<2	Isoborneol	<2	CBD	1072	35.73
Camphene	<2	Menthol	<2	CBDA	<14.03	<0.47
Sabinene-	<2	endo-Borneol	<2	d9-THC	39	1.29
b-Pinene	<2	a-Terpineol	5	THCA-A	<14.03	<0.47
b-Myrcene	<2	g Terpineol	<2	d8-THC	<2.81	<0.09
a-Phellandrene	<2	Nerol	<2	CBG	41.1	1.37
Carene	<2	Pulegone	<2	CBGA	<2.81	<0.09
a-Terpinene	<2	Geraniol	<2	CBN	<2.81	<0.09
D-Limonene	<2	Geranyl acetate	<2	CBC	75.9	2.53
o-Cymene	<2	a-Cedrene	<2	CBCA	<2.81	<0.09
Eucalyptol	<2	(E)-b-Famesene	<2	CBDV	30.5	1.02
b-Ocimene	<2	Caryophyllene	62	CBDVA	<2.81	<0.09
gTerpinene	<2	a-Humulene	11	THCV	<2.81	<0.09
Terpinolene	<2	trans-Neradiol	<2	THCVA	<2.81	<0.09
Sabinene Hydrate	<2	cis-Neradiol	<2			
Fenchone	<2	Valencene	<2			
Linalool	6	Guaiol	<2			
Fenchol	<2	Caryophyllene Oxide	<2			
Isopulegol	<2	Cedrol	<2			
Camphor	<2	a-Bisabolol	4			

Recommended Storage: 20-25 ° C (68-77° F), Refrigerate for long term storage (> 3 months); avoid exposure to prolonged heat and light.

Retest Date: 1-Dec-22

Product Information: Hemp derived whole plant tinctures are intended for oral ingestion; recommended serving size is 0.5 - 1.0 mL.

Approved By:



Representative: Keith Griswold, MS

Title: Chief Scientific Officer

Date: 21-Dec-20



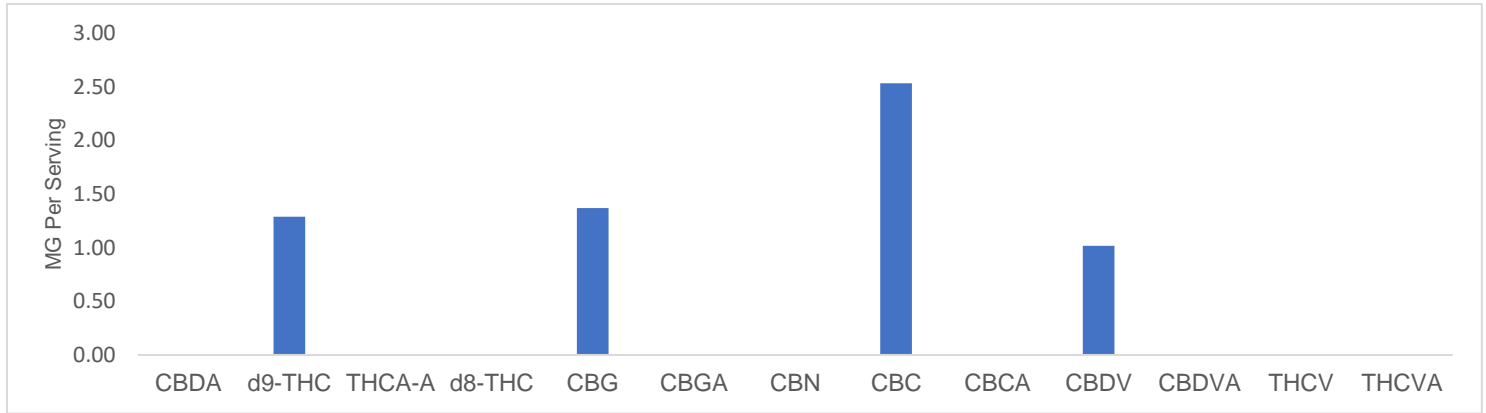
Data reported in this document pertains only to this batch and as sampled according to QMT.PLN.01.03. All rights are reserved to the producer and distributor of this product. Unauthorized reproduction of this data is prohibited. All testing is performed with internally developed test methods that have been verified or validated in accordance to AOAC and ICH guidelines. Test method performance is monitored through control charting.

Batch ID: 86590200323

Parameter: Cannabinoid Potency

DOM: 17-Dec-21

Test Method: C6198 LCMSMS (Internal); LOQ = 0.005%

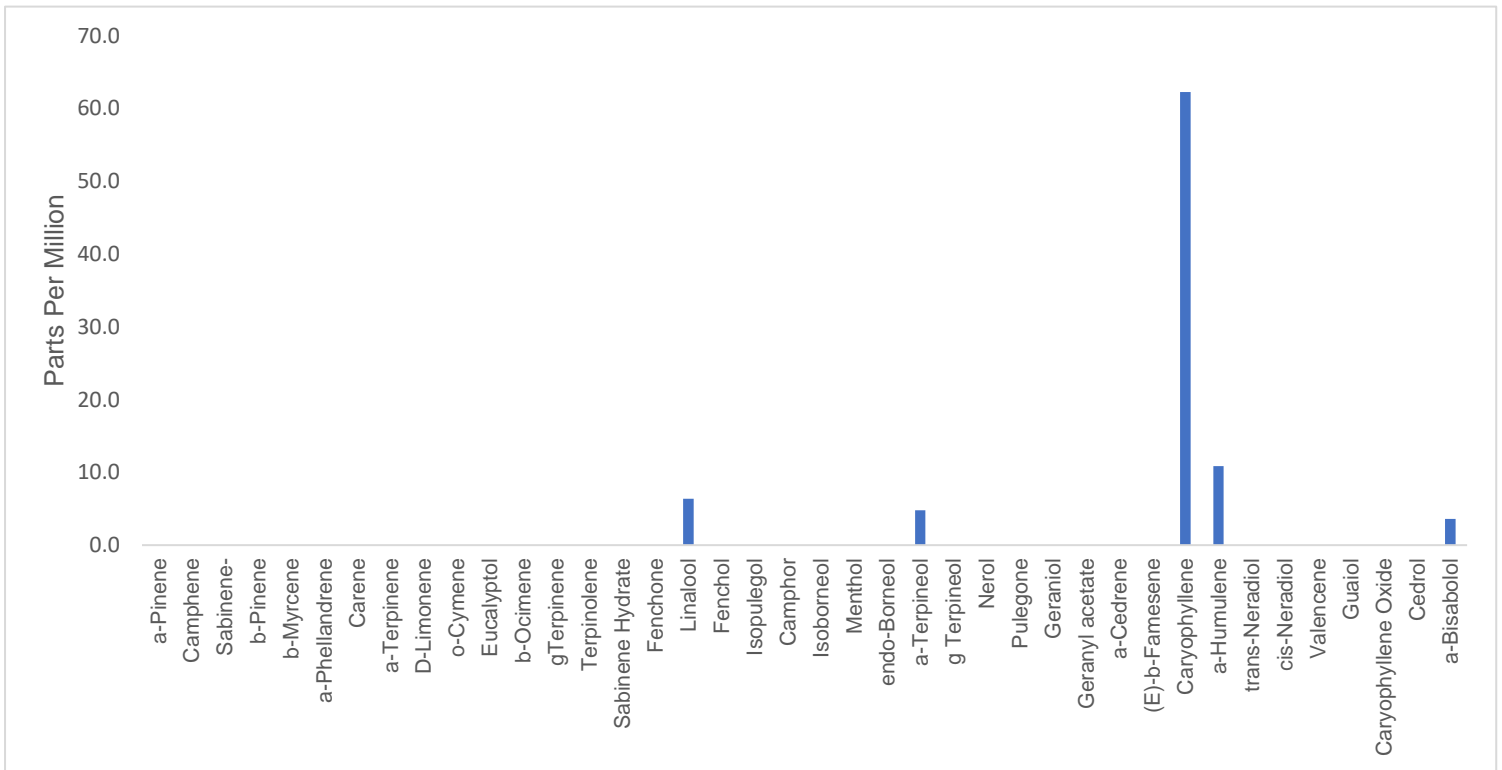


Batch ID: 86590200323

Parameter: Terpene Profile

DOM: 17-Dec-21

Test Method: C5933 GCMS (Internal); Static Headspace; LOQ = 2 ppm



*Terpenes represented of hemp derived before any flavouring is added.

Approved By:



Representative: Keith Griswold, MS

Title: Chief Scientific Officer

Date: 21-Dec-20



Certificate of Analysis

Product Specifications

Batch ID: 86590200323 **Parameter:** Residual Solvents
DOM: 17-Dec-21 **Test Method:** C5923 GCMS (Internal); Static Headspace

Analyte	Units	Reporting Limit	Action Limit	Result*	Status
Methanol	%w/w	0.05	0.30	< 0.05	PASS
Pentane	%w/w	0.003	0.50	< 0.003	PASS
Ethanol	%w/w	0.05	0.50	<0.05	PASS
Acetone	%w/w	0.05	0.50	< 0.05	PASS
Isopropanol	%w/w	0.05	0.50	<0.05	PASS
Acetonitrile	%w/w	0.003	0.04	<0.003	PASS
n-Hexane	%w/w	0.003	0.03	<0.003	PASS
Tetrahydrofuran	%w/w	0.003	0.07	<0.003	PASS
Chloroform	%w/w	0.003	0.01	<0.003	PASS
n-Heptane	%w/w	0.02	0.50	<0.02	PASS
Toluene	%w/w	0.003	0.09	<0.003	PASS
m & p Xylene	%w/w	0.003	0.22	<0.003	PASS

*Action limit based on USP 467 requirements for residual solvents Class I, II and III.

Batch ID: 86590200323 **Parameter:** Mycotoxins
DOM: 17-Dec-21 **Test Method:** C5838 LCMSMS/AOAC 2007.01

Analytes	Units	Reporting Limit	Action Limit	Results*	Status
Mycotoxins	ppb	n/a	20	< 20	PASS

Batch ID: 86590200323 **Parameter:** Pesticides
DOM: 17-Dec-21 **Test Method:** C5838 LCMSMS/AOAC 2007.01

Analyte	Units	Reporting Limit	Action Limit	Results*	Status
Bifenazate	ppm	0.10	0.20	<0.10	PASS
Etoxale	ppm	0.05	0.20	< 0.05	PASS
Imazalil	ppm	0.05	0.20	<0.05	PASS
Imidacloprid	ppm	0.05	0.40	<0.05	PASS
Myclobutanil	ppm	0.05	0.20	<0.05	PASS
Spiromesifen	ppm	0.05	0.20	<0.05	PASS
Trifloxystrobin	ppm	0.05	0.20	<0.05	PASS

Reporting limit for all mycotoxins screened is 2 parts per billion (ppb); Action level, maximum level allowed by EPA/Orgeon Regulations; Results representative of hemp derived concentrate.

Batch ID: 86590200323 **Parameter:** Heavy Metals
DOM: 17-Dec-21 **Test Method:** PMS (External Partner)

Analyte	Units	Reporting Limit	Action Limit	Results*	Status
As	ppb	0.1	200	7	PASS
Hg	ppb	0.1	100	15	PASS
Cd	ppb	0.1	200	1.0	PASS
Pb	ppb	0.1	500	169	PASS

*Derived from whole flower prior to extraction and formulation

Approved By:



Representative: Keith Griswold, MS

Title: Chief Scientific Officer

Date: 21-Dec-20

