

Hempistry Inc
 140 South Main Street, Suite 103
 Madisonville KY, 42431

**Certificate of Analysis
9042923**

TWO RINGS CBD
 15701 Sherman Way, Suite 7481
 Van Nuys CA, 91406

Customer ID: 44-100814
 Report Printed: 04/16/2019 14:15

SAMPLE SUMMARY

Lab ID	Client Sample ID/Alias	Matrix	Date Collected	Date Received	Sampled By
9042923-02	Profile/CBD ISOLATE	Solid	04/09/2019 00:00	04/11/2019 10:50	

ANALYTICAL RESULTS

Lab Sample ID: **9042923-02**
 Description: **Profile CBD ISOLATE**

Analyte	Result	Flag	Units	MRL	Method	Analyzed	Analyst
(-)-alpha-Bisabolol	0.02	U, D	%	0.02	-	04/11/2019 17:29	JDR
(-)-beta-Pinene	ND	u, D	%	0.02	-	04/11/2019 17:29	JDR
(-)-Caryophyllene oxide	0.02	U, D	%	0.02	-	04/11/2019 17:29	JDR
(-)-Guaiol	ND	u, D	%	0.02	-	04/11/2019 17:29	JDR
(-)-Isopulegol	0.02	U, D	%	0.02	-	04/11/2019 17:29	JDR
1,8-Cineole (Eucalyptol)	ND	u, D	%	0.02	-	04/11/2019 17:29	JDR
alpha-Humulene	0.02	D, U	%	0.02	-	04/11/2019 17:29	JDR
alpha-Pinene	ND	D, U	%	0.02	-	04/11/2019 17:29	JDR
alpha-Terpinene	ND	D, U	%	0.02	-	04/11/2019 17:29	JDR
beta-Caryophyllene	0.03	D	%	0.02	-	04/11/2019 17:29	JDR
beta-Myrcene	ND	u, D	%	0.02	-	04/11/2019 17:29	JDR
Camphene	ND	D, U	%	0.02	-	04/11/2019 17:29	JDR
delta-3-carene	ND	D, U	%	0.02	-	04/11/2019 17:29	JDR
d-Limonene	ND	D, U	%	0.02	-	04/11/2019 17:29	JDR
gamma-Terpinene	ND	D, U	%	0.02	-	04/11/2019 17:29	JDR
Geraniol	ND	D, U	%	0.02	-	04/11/2019 17:29	JDR
Linalool	ND	D, U	%	0.02	-	04/11/2019 17:29	JDR
Nerolidol 1	ND	D, U	%	0.02	-	04/11/2019 17:29	JDR
Nerolidol 2	ND	D, U	%	0.02	-	04/11/2019 17:29	JDR
Ocimene 1	ND	D, U	%	0.02	-	04/11/2019 17:29	JDR
Ocimene 2	ND	D, U	%	0.02	-	04/11/2019 17:29	JDR
p-Isopropyltoluene (p-Cymene)	ND	D, U	%	0.02	-	04/11/2019 17:29	JDR
Terpinolene	ND	D, U	%	0.02	-	04/11/2019 17:29	JDR

Analyte	Result	Flag	Units	MRL	Method	Analyzed	Analyst
Arsenic	ND	u	mg/kg (wet weight)	1.60	AOAC 2015.01	04/12/2019 12:02	DMH
Barium	ND	u	mg/kg (wet weight)	1.60	AOAC 2015.01	04/12/2019 12:02	DMH
Cadmium	ND	u, v1	mg/kg (wet weight)	1.60	AOAC 2015.01	04/12/2019 12:02	DMH
Chromium	ND	u	mg/kg (wet weight)	1.60	AOAC 2015.01	04/12/2019 12:02	DMH
Lead	ND	u	mg/kg (wet weight)	1.60	AOAC 2015.01	04/12/2019 12:02	DMH
Mercury	ND	u	mg/kg (wet weight)	1.60	AOAC 2015.01	04/12/2019 12:02	DMH

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Ocimene 2	ND	D, U	%	0.02	-	04/11/2019 17:29	JDR
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Terpinolene	ND	D, U	%	0.02	-	04/11/2019 17:29	JDR

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Lead	ND	u	mg/kg (wet weight)	1.60	AOAC 2015.01	04/12/2019 12:02	DMH
Mercury	ND	u	mg/kg (wet weight)	1.60	AOAC 2015.01	04/12/2019 12:02	DMH

VC Screen [MCR-TM-0007]

Analyst: SA

Test Date: 19 Apr 19

The sample was analyzed via Gas Chromatography – Flame Ionization Detection with Headspace Autosampler. The collected data was compared to data collected from certified analytical reference standards at known concentrations.

Test ID	Analyte	Result, ppm	LOD	LOQ	Limits, ppm
19-11789-VC	Propane	ND	29	96	12
19-11789-VC	Isobutane	ND	27	91	12
19-11789-VC	n-Butane	BQL	12	38	12
19-11789-VC	Ethanol	ND	580	1934	5000
19-11789-VC	Hexane	447	2.5	8.2	290

Note: ND = Not Detected; LOD = Limit of Detection; LOQ = Limit of Quantitation; BQL = Below Quantitation Limit; ppm = part per million. Testing limits established by the Massachusetts Department of Public Health, Protocol for Sampling and Analysis of Finished Medical Marijuana Products and Marijuana-Infused Products for Massachusetts Registered Medical Marijuana Dispensaries, Exhibit 7. The uncertainty budget for ethanol is 0.15 ppm; propane is 0.12 ppm; isobutane is 0.11 ppm; n-Butane is 0.10 ppm.

Pesticides Screen [MCR-TM-0009]

Analyst: WS/SG

Test Date: 18 Apr 19

The sample was analyzed via Liquid Chromatography - Tandem Mass Spectrometry (LC-MS/MS). The collected data was compared to data collected from analytical reference standards at known concentrations.

Test Analysis	Result, ppb	LOD ppb	LOQ ppb	Limits ppb
Bifenazate	ND	1.6	10	10
Bifenthrin	ND	4.4	10	10
Cyfluthrin	ND	3.6	10	10
Etoxazole	ND	0.8	10	10
Imazalil	ND	1.7	10	10
Imidacloprid	ND	3.3	10	10
Myclobutanil	ND	3.8	10	10
Spiromesifen	ND	1.5	10	10
Trifloxystrobin	ND	1.4	10	10

Note: ND = Not Detected; LOD = Limit of Detection; LOQ = Limit of Quantitation; ppb = part per billion; N/A = not available. Testing limits established by the Massachusetts Department of Public Health, Protocol for Sampling and Analysis of Finished Medical Marijuana Products and Marijuana-Infused Products for Massachusetts Registered Medical Marijuana Dispensaries, Exhibit 5.

END OF REPORT