



Certificate of Analysis

Sample: M000902023-001
Harvest/Lot ID: 20-08-100002
Seed to Sale #N/A
Batch Date : 08/29/20
Batch#: N/A
Sample Size Received: 30 ml
Retail Product Size: 30 ml
Ordered : 09/01/20
Sampled : 09/01/20
Completed: 09/04/20 Expires: 09/04/21
Sampling Method: SOP Client Method

Sep 04, 2020 | Larimar Systems, Inc

551 Tapp Road, Unit 3
Harrodsburg, KY, 40330, US



PASSED

Page 1 of 2

PRODUCT IMAGE SAFETY RESULTS



 Pesticides NOT TESTED	 Heavy Metals NOT TESTED	 Microbials NOT TESTED	 Mycotoxins NOT TESTED	 Residuals Solvents NOT TESTED	 Filtration NOT TESTED	 Water Activity NOT TESTED	 Moisture NOT TESTED	 Terpenes TESTED
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MISC.

CANNABINOID RESULTS



Total THC
0.000%



Total CBD
5.565%



Total Cannabinoids
5.579%

D9-THC	THCA	CBD	CBDA	D8-THC	THCV	CBN	CBDV	CBC	CBG	CBGA
ND	ND	5.565%	ND	ND	ND	ND	0.014%	ND	ND	ND
ND	ND	55.650 mg/g	ND	ND	ND	ND	0.140 mg/g	ND	ND	ND
LOD 0.0001 %	LOD 0.001 %	LOD 0.0001 %	LOD 0.001 %	LOD 0.001 %	LOD 0.001 %	LOD 0.001 %	LOD 0.001 %	LOD 0.001 %	LOD 0.001 %	LOD 0.001 %

Cannabinoid Profile Test

Analyzed by 19	Weight 3.0002g	Extraction date : 09/02/20 02:09:32	Extracted By : 9
Analysis Method - SOP.T.40.020, SOP.T.30.050		Reviewed On - 09/04/20 13:14:21	
Analytical Batch - M0001016POT		Instrument Used : HPLC Potency Analyzer Batch Date : 09/02/20 14:36:02	

Reagent	Dilution 40	Consums. ID
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Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis. LOQ for all cannabinoids is 1 mg/L). Measurement of Uncertainty: 2.7%

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David Greene
Lab Director

State License # 19-05-02P
ISO Accreditation #
17025:2017 #97164



Signature

09/04/2020

Signed On



Certificate of Analysis

PASSED

Larimar Systems, Inc

551 Tapp Road, Unit 3
Harrodsburg, KY, 40330, US

Telephone: 412-996-4292

Email: mmulkern@larimarsystems.com

Sample : M000902023-001

Harvest/LOT ID: 20-08-I00002

Batch# : N/A

Sampled : 09/01/20

Ordered : 09/01/20

Sample Size Received : 30 ml

Completed : 09/04/20 Expires: 09/04/21

Sample Method : SOP Client Method

Page 2 of 2



Terpenes

TESTED

Terpenes	LOD	Units	Result (%)
ALPHA-PHELLANDRENE	0.005	%	ND
FENCHONE	0.01	%	ND
GAMMA-TERPINENE	0.005	%	ND
GERANIOL	0.005	%	ND
GERANYL ACETATE	0.01	%	ND
GUAJOL	0.005	%	ND
LIMONENE	0.005	%	0.071
LINALOOL	0.01	%	0.063
NEROL	0.005	%	0.027
OCIMENE	0.005	%	ND
PULEGONE	0.005	%	ND
SABINENE	0.005	%	ND
SABINENE HYDRATE	0.01	%	ND
TERPINEOL	0.005	%	ND
TERPINOLENE	0.005	%	ND
TRANS-CARYOPHYLLENE	0.005	%	0.074
TRANS-NEROLIDOL	0.005	%	ND
VALENCENE	0.005	%	ND
CEDROL	0.005	%	ND
ALPHA-HUMULENE	0.005	%	0.008
ALPHA-PINENE	0.005	%	0.054
ALPHA-TERPINENE	0.005	%	ND
BETA-MYRCENE	0.005	%	ND
BETA-PINENE	0.005	%	ND
BORNEOL	0.01	%	ND
CAMPHENE	0.005	%	ND
CAMPHOR	0.01	%	ND
CARYOPHYLLENE OXIDE	0.005	%	ND
ALPHA-CEDRENE	0.005	%	ND
ALPHA-BISABOLOL	0.005	%	ND
ISOPULEGOL	0.01	%	ND
Total		0.297	

Terpenes	LOD	Units	Result (%)
CIS-NEROLIDOL	0.005	%	ND
3-CARENE	0.005	%	ND
FENCHYL ALCOHOL	0.005	%	ND
HEXAHYDROTHYMOL	0.005	%	ND
EUCALYPTOL	0.005	%	ND
ISOBORNEOL	0.005	%	ND



Terpenes

TESTED

Analyzed by: 18 Weight: 0.995g Extraction date: 09/03/20 09:09:28 Extracted By: 18

Analysis Method -SOP.T.40.090
Analytical Batch -M0001017TER Reviewed On - 09/03/20 09:59:33
Instrument Used : GCMS8050 with Liquid Handler
Batch Date : 09/03/20 09:21:13

Reagent	Dilution	Consums. ID
Terpenoid profile screening is performed using GC-MS/MS TQ-8040 with Liquid Injection (Gas Chromatography - Mass Spectrometer Triple Quad) which can screen 37 terpenes using Method SOP.T.40.091 Terpenoid Analysis Via GC-MS/MS.		

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Signed On