



Certificate of Analysis

Sample: M000902021-001
Harvest/Lot ID: 20-06-C0001

Seed to Sale # N/A

Batch Date : 06/18/20

Batch#: N/A

Sample Size Received: 30 ml

Retail Product Size: 30 ml

Ordered : 09/01/20

Sampled : 09/01/20

Completed: 09/03/20 Expires: 09/03/21

Sampling Method: SOP Client Method

PASSED

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Sep 03, 2020 | Larimar Systems, Inc

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




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

MISC.


Terpenes
TESTED

CANNABINOID RESULTS



Total THC
0.000%



Total CBD
5.518%



Total Cannabinoids
5.537%

D9-THC	THCA	CBD	CBDA	D8-THC	THCV	CBN	CBDV	CBC	CBG	CBGA
ND	ND	5.518%	ND	ND	ND	ND	0.019%	ND	ND	ND
ND	ND	55.180 mg/g	ND	ND	ND	ND	0.190 mg/g	ND	ND	ND
LOD 0.0001	0.001	0.0001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
%	%	%	%	%	%	%	%	%	%	%

Cannabinoid Profile Test

Analyzed by 19	Weight 3.0035g	Extraction date : 09/02/20 02:09:32	Extracted By : 9
Analysis Method - SOP.T.40.020, SOP.T.30.050		Reviewed On - 09/03/20 16:34:01	
Analytical Batch - M0001015POT		Instrument Used : HPLC Potency Analyzer Batch Date : 09/02/20 14:34:52	

Reagent	Dilution	Consums. ID
	40	

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

09/03/2020

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 : M000902021-001

Harvest/LOT ID: 20-06-C00001

Batch# : N/A

Sampled : 09/01/20

Ordered : 09/01/20

Sample Size Received : 30 ml

Completed : 09/03/20 Expires: 09/03/21

Sample Method : SOP Client Method

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Terpenes

TESTED

Terpenes	LOD	Units	Result (%)
ALPHA-PHELLANDRENE	0.005	%	ND
FENCHONE	0.01	%	ND
GAMMA-TERPINENE	0.005	%	ND
GERANIOL	0.005	%	0.037
GERANYL ACETATE	0.01	%	ND
GUAJOL	0.005	%	ND
LIMONENE	0.005	%	0.044
LINALOOL	0.01	%	0.042
NEROL	0.005	%	0.020
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	%	0.103
TRANS-NEROLIDOL	0.005	%	0.005
VALENCENE	0.005	%	ND
CEDROL	0.005	%	ND
ALPHA-HUMULENE	0.005	%	0.011
ALPHA-PINENE	0.005	%	0.032
ALPHA-TERPINENE	0.005	%	ND
BETA-MYRCENE	0.005	%	0.016
BETA-PINENE	0.005	%	0.031
BORNEOL	0.01	%	ND
CAMPHENE	0.005	%	ND
CAMPHOR	0.01	%	ND
CARYOPHYLLENE OXIDE	0.005	%	0.006
ALPHA-CEDRENE	0.005	%	ND
ALPHA-BISABOLOL	0.005	%	ND
ISOPULEGOL	0.01	%	ND
Total		0.366	

Terpenes	LOD	Units	Result (%)
CIS-NEROLIDOL	0.005	%	ND
3-CARENE	0.005	%	ND
FENCHYL ALCOHOL	0.005	%	ND
HEXAHYDROTHYMOL	0.005	%	0.010
EUCALYPTOL	0.005	%	0.009
ISOBORNEOL	0.005	%	ND



Terpenes

TESTED

Analyzed by 18 **Weight** 0.979g **Extraction date** 09/03/20 09:09:11 **Extracted By** 18
Analysis Method -SOP.T.40.090
Analytical Batch -M0001017TER **Reviewed On - 09/03/20 09:55:32**
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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