



Certificate of Analysis

Sample: DE20805034-001
Harvest/Lot ID: R2CO080120227335691777257
Batch#: 7335691777257
Seed to Sale# 1A4000B00010D25000001903
Batch Date: 08/01/22
Sample Size Received: 3.5 gram
Total Batch Size: N/A
Retail Product Size: 60 gram
Ordered : 08/02/22
Sampled : 08/02/22
Completed: 08/10/22
Sampling Method: N/A

Aug 10, 2022 | R2 Innovations, Inc.

License # 405R-00011

8100 S. Akron Street
Centennial, CO, 80112, US



PASSED
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PRODUCT IMAGE	SAFETY RESULTS									MISC.
	 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	 Homogeneity Testing NOT TESTED	 Terpenes TESTED

 **Cannabinoid** **PASSED**



	TOTAL 9(R/S)-HHC	CBDV	CBDVA	CBG	CBD	CBDA	THCV	CBGA	CBN	EXO-THC	CBDQ	D9-THC	D8-THC	CBL	THCVA	CBC	D10-THC	CBNA	THCA	CBCA	CBLA	THC-O-ACE TATE
%	ND	0.0975	ND	0.0735	4.9703	ND	ND	ND	0.0279	0.0732	ND	0.1177	ND	ND	ND	0.1564	ND	ND	ND	ND	ND	ND
mg/g	ND	0.975	ND	0.735	49.703	ND	ND	ND	0.279	0.732	ND	1.177	ND	ND	ND	1.564	ND	ND	ND	ND	ND	ND
LOD	0.01	0.0015	0.001	0.0021	0.0014	0.0014	0.0012	0.0003	0.0013	0.0025	0.0148	0.0012	0.0023	0.0052	0.0014	0.001	0.0021	0.0018	0.0019	0.0001	0.001	0.0004
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analized by: 2229, 1642, 1253 Weight: 0.785g Extraction date: 08/10/22 08:48:46 Extracted by: 1253

Analysis Method : SOP-020 (R15)
Analytical Batch : DE003772POT
Instrument Used : Agilent 1100 "Falcon"
Running on : 08/08/22 18:15:55
Reviewed On : 08/10/22 14:03:49
Batch Date : 08/08/22 10:05:13

Dilution : 205
Reagent : 071322.13; 062122.R15; 070922.R02; 080322.R13; 080822.01
Consumables : 00322643; HWK-TP3ML; 2083592; 00322250; 0000164728; 309011271; 12211-108CC-108; 923C4-923AK; 5079-525C6-525E
Pipette : N/A

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with DAD detection (HPLC-UV), Method SOP-022 (R13) for reporting. Lower limit of linearity for all cannabinoids is 1 mg/L.



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R2 Innovations, Inc.

8100 S. Akron Street
Centennial, CO, 80112, US
Telephone: (303) 324-7691
Email: robert@R2Innovations.com
License # : 405R-00011

Sample : DE20805034-001

Harvest/Lot ID: R2C0080120227335691777257

Batch# : 7335691777257

Sample Size Received : 3.5 gram

Total Batch Size : N/A

Completed : 08/10/22 Expires: 08/10/23

Ordered : 08/02/22

Sample Method : SOP Client Method

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Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
ALPHA-PINENE	0.002	<0.2	<0.02		Analyzed by: 2229, 1642, 8, 7 Weight: 0.785g Extraction date: 08/08/22 18:42:47 Extracted by: 1642 Analysis Method : SOP-067 (R0) Analytical Batch : DE003774TER Instrument Used : GC 6890 Running on : 08/08/22 18:43:38 Reviewed On : 08/10/22 15:30:08 Batch Date : 08/08/22 10:51:44 Dilution : 41 Reagent : 071322.13 Consumables : 00322643; HWK-TP3ML; 2083592; 00322250; 0000164728; 309011271; 12211-108CC-108 Pipette : N/A <small>Terpenoid profile screening is performed by GC-FID with liquid injection via SOP-067 (R0) which can screen for 28 terpenes.</small>				
CAMPHENE	0.002	ND	ND						
BETA-PINENE	0.002	ND	ND						
MYRCENE	0.002	<0.2	<0.02						
DELTA-3-CARENE	0.002	ND	ND						
ALPHA-TERPINENE	0.002	ND	ND						
P-CYMENE	0.002	<0.2	<0.02						
LIMONENE	0.002	4.531	0.4531						
EUCALYPTOL	0.002	0.265	0.0265						
CIS-OCIMENE	0.002	ND	ND						
GAMMA-TERPINENE	0.002	ND	ND						
TERPINOLENE	0.002	<0.2	<0.02						
LINALOOL	0.002	5.44	0.544						
(-)-ISOPULEGOL	0.002	0.41	0.041						
BORNEOL	0.002	<0.4	<0.04						
MENTHOL	0.002	ND	ND						
ALPHA-TERPINEOL	0.002	ND	ND						
PULEGONE	0.002	ND	ND						
GERANIOL	0.002	5.543	0.5543						
2-ETHYL-FENCHOL	0.002	ND	ND						
BETA-CARYOPHYLLENE	0.002	7.227	0.7227						
HUMULENE	0.002	0.57	0.057						
BISBOLENE	0.002	ND	ND						
NEROLIDOL	0.002	ND	ND						
(-)-CARYOPHYLLENE OXIDE	0.002	0.374	0.0374						
(-)-GUAIAOL	0.002	<0.2	<0.02						
(-)-ALPHA-BISBOLOL	0.002	0.446	0.0446						
Total (%)		2.4806							