



# Certificate of Analysis

Sample: **DE20805034-002**  
Harvest/Lot ID: **R2CO08012022733569176564**  
Batch#: 733569176564  
Seed to Sale# 1A4000B00010D25000001904  
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**  
Page 1 of 2

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	0.144	ND	ND	4.538	ND	ND	ND	0.0259	0.0805	ND	0.0985	ND	ND	ND	0.1452	ND	ND	ND	ND	ND	ND
mg/g	ND	1.44	ND	ND	45.38	ND	ND	ND	0.259	0.805	ND	0.985	ND	ND	ND	1.452	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
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by: 2229, 1642, 1253      Weight: 0.7745g      Extraction date: 08/08/22 18:09:09      Extracted by: 1642  
 Analysis Method : SOP-020 (R15)      Reviewed On : 08/10/22 14:04:20  
 Analytical Batch : DE003772POT      Batch Date : 08/08/22 10:05:13  
 Instrument Used : Agilent 1100 "Falcon"  
 Running on : 08/08/22 18:15:55  
 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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**PASSED**

R2 Innovations, Inc.

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

Sample : DE20805034-002

Harvest/Lot ID: R2C008012022733569176564

Batch# : 733569176564

Sample Size Received : 3.5 gram

Total Batch Size : N/A

Sampled : 08/02/22

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

Ordered : 08/02/22

Sample Method : SOP Client Method

Page 2 of 2



## Terpenes

**TESTED**

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
ALPHA-PINENE	0.002	<0.2	<0.02		<b>Analyzed by:</b> 2229, 1642, 8, 7 <b>Weight:</b> 0.7745g <b>Extraction date:</b> 08/08/22 18:42:47 <b>Extracted by:</b> 1642 <b>Analysis Method :</b> SOP-067 (R0) <b>Analytical Batch :</b> DE003774TER <b>Instrument Used :</b> GC 6890 <b>Running on :</b> 08/08/22 18:43:38 <b>Reviewed On :</b> 08/10/22 15:30:19 <b>Batch Date :</b> 08/08/22 10:51:44 <b>Dilution :</b> 41 <b>Reagent :</b> 071322.13 <b>Consumables :</b> 00322643; HWK-TP3ML; 2083592; 00322250; 0000164728; 309011271; 12211-108CC-108 <b>Pipette :</b> 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	0.599	0.0599						
MYRCENE	0.002	0.652	0.0652						
DELTA-3-CARENE	0.002	<0.2	<0.02						
ALPHA-TERPINENE	0.002	ND	ND						
P-CYMENTHENE	0.002	0.22	0.022						
LIMONENE	0.002	24.135	2.4135						
EUCALYPTOL	0.002	ND	ND						
CIS-OCIMENE	0.002	ND	ND						
GAMMA-TERPINENE	0.002	0.568	0.0568						
TERPINOLENE	0.002	<0.2	<0.02						
LINALOOL	0.002	3.984	0.3984						
(-)-ISOPULEGOL	0.002	ND	ND						
BORNEOL	0.002	ND	ND						
MENTHOL	0.002	ND	ND						
ALPHA-TERPINEOL	0.002	ND	ND						
PULEGONE	0.002	ND	ND						
GERANIOL	0.002	3.403	0.3403						
2-ETHYL-FENCHOL	0.002	ND	ND						
BETA-CARYOPHYLLENE	0.002	7.522	0.7522						
HUMULENE	0.002	0.57	0.057						
BISBOLENE	0.002	ND	ND						
NEROLIDOL	0.002	ND	ND						
(-)-CARYOPHYLLENE OXIDE	0.002	<0.2	<0.02						
(-)-GUAIAOL	0.002	<0.2	<0.02						
(-)-ALPHA-BISBOLOL	0.002	0.338	0.0338						
<b>Total (%)</b>			<b>4.1991</b>						



Signature