



# Certificate of Analysis

Sample: **DE11102003-001**  
Harvest/Lot ID: **2**  
Batch#: **R&D - 2**  
Metrc #: **1A4000D0003A8B9000002669**  
Seed to Sale#: **1A4000D0003A8B9000002669**  
Batch Date: **10/29/21**  
Sample Size Received: **1 gram**  
Total Weight/Volume: **N/A**  
Retail Product Size: **N/A gram**  
Ordered : **10/29/21**  
sampled : **10/29/21**  
Completed: **11/03/21** Expires: **11/03/22**  
Sampling Method: **SOP-024**

**PASSED**

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








Nov 03, 2021 | The Hemp Mine

License # 403H-103408  
PO Box 19445,  
Denver, CO, 80219

PRODUCT IMAGE

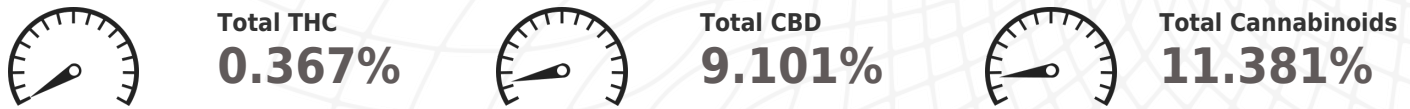


SAFETY RESULTS

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

CANNABINOID RESULTS



	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-ACETATE
%	ND	0.033	ND	0.761	9.51	ND	0.113	ND	0.038	ND	0.065	ND	ND	ND	0.055	ND	ND	0.345	0.461	ND	ND
ppm	ND	0.33	ND	7.61	95.1	ND	1.13	ND	0.38	ND	0.65	ND	ND	ND	0.55	ND	ND	3.45	4.61	ND	ND
LOD	0.00265237	0.001	0.00219044	2.8E-5	1.1E-5	0.00205806	0.00192419	1.0E-6	0.000237	0.0148	2.2E-5	0.00268886	0.000921807	0.000717378	0.00286194	0.0129	0.000910194	1.0E-5	0.00210199	0.00116619	0.003403
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Cannabinoid Profile Test

Analyzed by: **8** Weight: **0.2582g** Extraction date: **11/02/21 02:11:42** Extracted By: **1642**

Analysis Method -SOP-020 (R15) Reviewed On - 11/03/21 12:06:14 Batch Date : 11/02/21 10:39:50  
Analytical Batch -DE002609POT Instrument Used : Agilent 1100 "Falcor" Running On : 11/02/21 18:14:50

Reagent	Reagent	Dilution	Consums. ID	Consums. ID
101121.10	110221.01	80	88715911147201	923C4-923AK
102221.R04			1119999	5079-525C6-525E
080521.R11			BG045	
102921.R05			R1KB34782	
110121.R01			298076054	
110221.R09			12211-108CC-108	

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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**Stephen Goldman**  
Lab Director  
State License #  
405R-00011 405-00008  
ISO Accreditation # 4331.01

  
Signature

11/03/21  
Signed On



# Certificate of Analysis

**PASSED**

The Hemp Mine

PO Box 19445,  
Denver, CO, 80219  
Telephone: 3037182742  
Email: allison@thehempmine.com  
License #: 403H-103408

Sample : DE11102003-001  
Harvest/LOT ID: 2

Batch# : R&D - 2  
Sampled : 10/29/21  
Ordered : 10/29/21

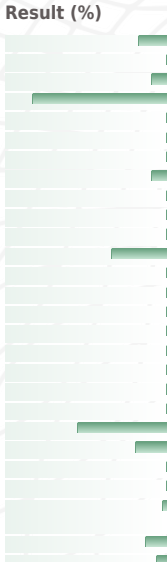
Sample Size Received : 1 gram  
Total Weight/Volume : N/A  
Completed : 11/03/21 Expires: 11/03/22  
Sample Method : SOP-024

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## Terpenes

**TESTED**

Terpenes	LOD(%)	mg/g	%	Result (%)	Terpenes	LOD(%)	mg/g	%	Result (%)		
ALPHA-PINENE	0.002	1.74	0.174		 <p><b>Terpenes</b> <b>TESTED</b></p> <p>Analyzed by 1542 Weight 0.2582g Extraction date 11/02/21 02:11:43 Extracted By 1542</p> <p>Analysis Method -SOP-067 (R0) Analytical Batch -DE002611TER Instrument Used : GC 6890 Running On : 11/02/21 17:54:03 Batch Date : 11/02/21 12:34:07</p> <table border="1"> <thead> <tr> <th>Reagent</th> <th>Dilution</th> <th>Consums. ID</th> </tr> </thead> <tbody> <tr> <td>102821.R21</td> <td>40</td> <td>07051275 A50-8408 BG045 Z98076054</td> </tr> </tbody> </table> <p>Terpenoid profile screening is performed by GC-FID with liquid injection via SOP-067 (R0) which can screen for 28 terpenes.</p>	Reagent	Dilution	Consums. ID	102821.R21	40	07051275 A50-8408 BG045 Z98076054
Reagent	Dilution	Consums. ID									
102821.R21	40	07051275 A50-8408 BG045 Z98076054									
CAMPHENE	0.002	ND	ND								
BETA-PINENE	0.002	0.88	0.088								
MYRCENE	0.002	8.12	0.812								
DELTA-3-CARENE	0.002	< 0.2	< 0.02								
ALPHA-TERPINENE	0.002	< 0.2	< 0.02								
P-CYMENTHENE	0.002	ND	ND								
LIMONENE	0.002	0.89	0.089								
EUCALYPTOL	0.002	ND	ND								
CIS-OCIMENE	0.002	< 0.2	< 0.02								
GAMMA-TERPINENE	0.002	ND	ND								
TERPINOLENE	0.002	3.33	0.333								
LINALOOL	0.002	ND	ND								
(-)-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	ND	ND								
2-ETHYL-FENCHOL	0.002	ND	ND								
BETA-CARYOPHYLLENE	0.002	5.38	0.538								
HUMULENE	0.002	1.88	0.188								
BISABOLENE	0.002	ND	ND								
NEROLIDOL	0.002	< 0.2	< 0.02								
(-)-CARYOPHYLLENE OXIDE	0.002	0.23	0.023								
(-)-GUAJOL	0.002	1.29	0.129								
(-)-ALPHA-BISABOLOL	0.002	0.63	0.063								
<b>Total (%)</b>		<b>2.437</b>									

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