



Certificate of Analysis

Sample: **DE40212001-002**
Batch#: CO HEMP - R&D TER
Seed to Sale# 1A4000D000425B9000001682
Batch Date: 02/06/24
Sample Size Received: 2 gram
Ordered: 02/06/24
Sampled: 02/12/24
Completed: 02/14/24

TESTED

Feb 14, 2024 | The Hemp Mine
License # 403H-104234
PO Box 19445,
Denver, CO, 80219

Pages 1 of 3

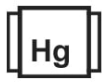
PRODUCT IMAGE



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



Homogeneity Testing
NOT TESTED

MISC.



Terpenes
TESTED



Cannabinoid

TESTED



Total THC
0.5028%



Total CBD
11.2214%



Total Cannabinoids
14.0140%

	CBDV	CBDA	CBG	CBD	CBDA	THCV	CBGA	CBN	EXO-THC	D9-THC	D8-THC	THCVA	D10-THC	CBC	CBNA	THCA	CBCA	THC-O-ACE TATE	CBL	CBLA	TOTAL 9(R/S)-HHC
%	ND	ND	ND	0.4644	12.2657	ND	0.1830	ND	ND	0.0808	ND	ND	ND	0.0476	ND	0.4812	0.4913	ND	ND	ND	ND
mg/g	ND	ND	ND	4.644	122.657	ND	1.830	ND	ND	0.808	ND	ND	ND	0.476	ND	4.812	4.913	ND	ND	ND	ND
LOD	0.0017	0.0014	0.0009	0.0021	0.0031	0.0006	0.0016	0.0044	0.0008	0.0025	0.0016	0.0029	0.0059	0.0014	0.0047	0.0026	0.0011	0.0021	0.0034	0.0022	0.0100
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:
2721, 2813, 2791, 3313

Weight:
0.2619g

Extraction date:
02/13/24 09:32:49

Extracted by:
2721

Analysis Method : SOP.T.40.039.CO
Analytical Batch : DE007258POT
Instrument Used : Agilent 1100 "Liger"
Analyzed Date : 02/13/24 12:43:26

Reviewed On : 02/14/24 16:04:32
Batch Date : 02/13/24 07:59:43

Dilution : 40
Reagent : 011624.R01; 020824.R07; 011724.R02; 021224.R11; 011624.04
Consumables : 2214520075; 2014919; 00344593-5; 0000179471; 303122060; 052423ch020530a; 41141-130C4-130D; 61892-307C6-307E
Pipette : POT- 20E73244; POT- 20E74976; POT- 20K63477; P1000 - 20B29164-A; P200- 6507768

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with DAD detection (HPLC-UV). Method SOP.T.90.010.CO for reporting. Lower limit of linearity for all cannabinoids is 1 mg/L.

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is a Kaycha Labs certification. The results relate only to the material received or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid or contaminant content of batch material may vary depending on sampling error. ND=Not Detected, NT=Not Tested, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds. The Measurement Uncertainty (UM) error is available from the lab upon request.

Stephen Goldman

Lab Director

State License # 405R-00011
405-00008

ISO 17025 Accreditation # 4331.01



Signature
02/14/24



Certificate of Analysis

TESTED

The Hemp Mine

PO Box 19445,
Denver, CO, 80219
Telephone: 3037182742
Email: allison@thehempmine.com
License # : 403H-104234

Sample : DE40212001-002

Batch# : CO HEMP - R&D TER Sample Size Received : 2 gram
Sampled : 02/12/24 Completed : 02/14/24 Expires: 02/14/25
Ordered : 02/12/24 Sample Method : SOP Client Method

Page 2 of 3



Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
BETA-MYRCENE	0.0020	6.223	0.6223		Analyzed by: 2494, 666, 3313 Weight: 0.2619g Extraction date: 02/13/24 16:42:31 Extracted by: 2494,1473 Analysis Method : SOP-067 (R0) Analytical Batch : DE007262TER Reviewed On : 02/14/24 16:03:02 Instrument Used : GC 6890 Batch Date : 02/13/24 15:46:18 Analyzed Date : 02/13/24 17:45:03 Dilution : 40 Reagent : 021324.R09; 011624.R11 Consumables : 2014919; 0000179471; 062023CH01; 2214520075; 00344593-5; 923C4-923AK Pipette : P200- G16447C; POT- 20E73244 Terpenoid profile screening is performed by GC-FID with liquid injection via SOP-067 (R0) which can screen for 28 terpenes.				
TERPINOLENE	0.0020	5.155	0.5155						
ALPHA-BISABOLOL	0.0020	1.839	0.1839						
LIMONENE	0.0020	1.365	0.1365						
BETA-CARYOPHYLLENE	0.0020	1.299	0.1299						
ALPHA-PINENE	0.0020	1.045	0.1045						
BETA-PINENE	0.0020	0.989	0.0989						
OCIMENE	0.0020	0.380	0.0380						
ALPHA-HUMULENE	0.0020	0.361	0.0361						
NEROLIDOL	0.0020	0.232	0.0232						
3-CARENE	0.0020	0.205	0.0205						
LINALOOL	0.0020	<0.200	<0.0200						
ALPHA-TERPINENE	0.0020	<0.200	<0.0200						
GAMMA-TERPINENE	0.0020	<0.200	<0.0200						
2-ETHYL-FENCHOL	0.0020	ND	ND						
BISABOLENE	0.0020	ND	ND						
BORNEOL	0.0020	ND	ND						
CAMPHENE	0.0020	ND	ND						
CARYOPHYLLENE OXIDE	0.0020	ND	ND						
EUCALYPTOL	0.0020	ND	ND						
GERANIOL	0.0020	ND	ND						
GUAIOL	0.0020	ND	ND						
ISOPULEGOL	0.0020	ND	ND						
MENTHOL	0.0020	ND	ND						
PULEGONE	0.0020	ND	ND						
ALPHA-TERPINEOL	0.0020	ND	ND						
P-CYMEENE	0.0020	ND	ND						
Total (%)		1.9090							

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is a Kaycha Labs certification. The results relate only to the material received or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid or contaminant content of batch material may vary depending on sampling error. ND=Not Detected, NT=Not Tested, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds. The Measurement Uncertainty (UM) error is available from the lab upon request.

Stephen Goldman

Lab Director

State License # 405R-00011

405-00008

ISO 17025 Accreditation # 4331.01

Signature

02/14/24



879 Federal Blvd
Denver, CO, 80204, US
(303) 427-2379

Kaycha Labs

.....
Venom
Matrix : Flower
Type: Flower-Cured



Certificate of Analysis

TESTED

The Hemp Mine

PO Box 19445,
Denver, CO, 80219
Telephone: 3037182742
Email: allison@thehempmine.com
License # : 403H-104234

Sample : DE40212001-002

Batch# : CO HEMP - R&D TER
Sampled : 02/12/24
Ordered : 02/12/24
Sample Size Received : 2 gram
Completed : 02/14/24 **Expires:** 02/14/25
Sample Method : SOP Client Method

Page 3 of 3

COMMENTS

* Cannabinoid DE40212001-002POT

1 - Measurement Uncertainty for delta-9 THC (wt%, Flower) 95% interval : 0.07, Measurement Uncertainty for THCA (wt%, Flower) 95% interval : 0.05

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is a Kaycha Labs certification. The results relate only to the material received or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid or contaminant content of batch material may vary depending on sampling error. ND=Not Detected, NT=Not Tested, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds. The Measurement Uncertainty (UM) error is available from the lab upon request.

Stephen Goldman

Lab Director

State License # 405R-00011
405-00008

ISO 17025 Accreditation # 4331.01

Signature
02/14/24