



Certificate of Analysis

Sample: **DE40227015-003**
Seed to Sale# 1A4000D000425B9000001708
Batch Date: 02/26/24
Sample Size Received: 3 gram
Ordered: 02/27/24
Sampled: 02/27/24
Completed: 02/29/24

TESTED

Feb 29, 2024 | Grandpa's Family Farms

License # 403H-104234

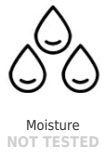
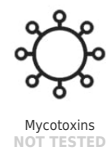
PO Box 19445,
Denver, CO, 80219

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PRODUCT IMAGE



SAFETY RESULTS



MISC.



Cannabinoid **TESTED**



Total THC
0.7244%



Total CBD
16.8374%



Total Cannabinoids
21.1915%

	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	1.3586	17.6498	ND	0.3431	ND	ND	0.1741	ND	ND	ND	0.1410	ND	0.6275	0.8974	ND	ND	ND	ND
mg/g	ND	ND	ND	13.586	176.498	ND	3.431	ND	ND	1.741	ND	ND	ND	1.410	ND	6.275	8.974	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, 1642, 3313

Weight: 0.2247g

Extraction date: 02/28/24 10:07:29

Extracted by: 2721

Analysis Method : SOP.T.40.039.CO
Analytical Batch : DE007356POT
Instrument Used : Agilent 1100 "Liger"
Analyzed Date : 02/28/24 13:40:18

Reviewed On : 02/29/24 17:02:17
Batch Date : 02/28/24 06:47:55

Dilution : 40
Reagent : 022024.R04; 022724.R07; 011724.R02; 022624.R07; 011624.04
Consumables : 2214520075; 2014919; 00344593-5; 0000179471; 303122060; 062023CH01; 22380555; 61572-107C6-107H
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.

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Stephen Goldman

Lab Director

State License # 405R-00011
405-00008

ISO 17025 Accreditation # 4331.01



Signature
02/29/24



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

Certificate of Analysis

TESTED

Grandpa's Family Farms

Sample : DE40227015-003

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

Sampled : 02/27/24
Ordered : 02/27/24

Sample Size Received : 3 gram
Completed : 02/29/24 Expires: 03/01/25
Sample Method : SOP Client Method

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Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
BETA-MYRCENE	0.0020	3.612	0.3612		Analyzed by: 2813, 2, 3313 Weight: 0.2247g Extraction date: 02/28/24 12:51:08 Extracted by: 1642,2813 Analysis Method : SOP-067 (R0) Analytical Batch : DE007361TER Instrument Used : GC 6890 Analyzed Date : 02/28/24 15:48:29 Reviewed On : 02/29/24 19:49:41 Batch Date : 02/28/24 12:49:03 Dilution : 40 Reagent : 022824.R05 Consumables : 2214520075; HWK-TP3ML; 2014919; 00341517-6; 303122060; 060623CH01 Pipette : N/A Terpenoid profile screening is performed by GC-FID with liquid injection via SOP-067 (R0) which can screen for 28 terpenes.				
BETA-CARYOPHYLLENE	0.0020	2.055	0.2055						
ALPHA-BISABOLOL	0.0020	1.732	0.1732						
GUAJOL	0.0020	1.581	0.1581						
CARYOPHYLLENE OXIDE	0.0020	1.481	0.1481						
ALPHA-HUMULENE	0.0020	0.625	0.0625						
2-ETHYL-FENCHOL	0.0020	ND	ND						
3-CARENE	0.0020	ND	ND						
BISABOLENE	0.0020	ND	ND						
BORNEOL	0.0020	ND	ND						
CAMPHENE	0.0020	ND	ND						
EUCALYPTOL	0.0020	ND	ND						
GERANIOL	0.0020	ND	ND						
ISOPULEGOL	0.0020	ND	ND						
LIMONENE	0.0020	ND	ND						
LINALOOL	0.0020	ND	ND						
MENTHOL	0.0020	ND	ND						
NEROLIDOL	0.0020	ND	ND						
OCIMENE	0.0020	ND	ND						
PULEGONE	0.0020	ND	ND						
TERPINOLENE	0.0020	ND	ND						
ALPHA-PINENE	0.0020	ND	ND						
ALPHA-TERPINENE	0.0020	ND	ND						
ALPHA-TERPINEOL	0.0020	ND	ND						
BETA-PINENE	0.0020	ND	ND						
GAMMA-TERPINENE	0.0020	ND	ND						
P-CYMENE	0.0020	ND	ND						
Total (%)			1.1080						

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02/29/24