



Certificate of Analysis

Sample: **DE40401001-001**
Seed to Sale# 1A4000D000425B9000001810
Batch Date: 04/01/24
Sample Size Received: 3 gram
Servings: 1
Ordered: 04/01/24
Sampled: 04/01/24
Completed: 04/04/24



Apr 04, 2024 | Grandpa's Family Farms

License # 403H-104234

PO Box 19445,
Denver, CO, 80219

TESTED

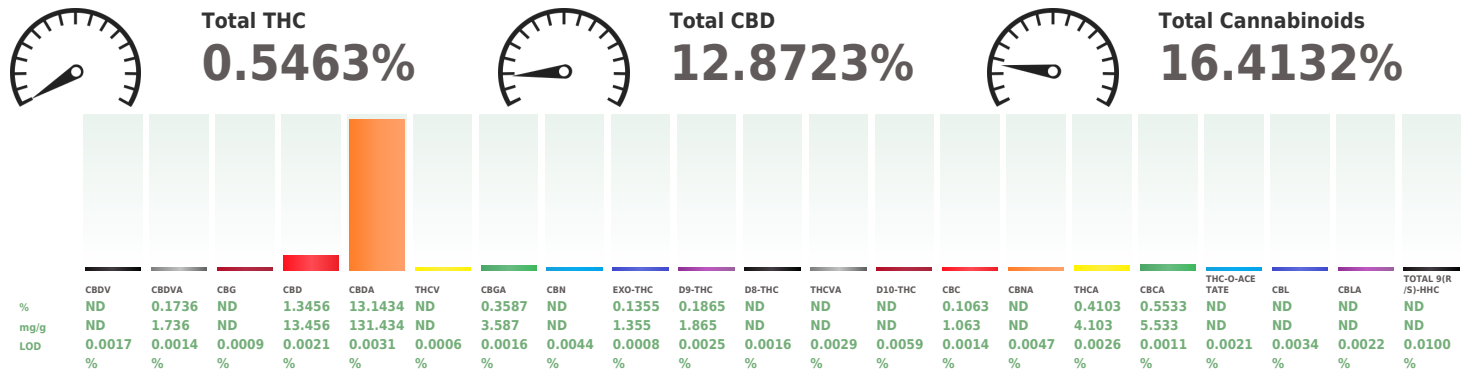
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SAFETY RESULTS

									
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	Terpenes TESTED

MISC.

 **Cannabinoid** **TESTED**



Analyzed by: 2721, 1642, 2319, 3313 Weight: 0.2553g Extraction date: 04/02/24 08:56:24 Extracted by: 2721

Analysis Method : SOP.T.40.039.CO Analytical Batch : DE007578POT Reviewed On : 04/03/24 14:05:46
Instrument Used : Agilent 1100 "Liger" Analyzed Date : 04/02/24 15:57:52 Batch Date : 04/02/24 07:09:50

Dilution : 40
Reagent : 031824.R20; 040124.R13; 011724.R02; 011624.R11; 032924.R13; 011624.04
Consumables : 2214520075; 2014919; 00344593-5; 0000179471; 303122060; 062023CH01; 41141-130C4-130D; 61892-307C6-305E
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
04/04/24



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TESTED

Grandpa's Family Farms

Sample : DE40401001-001

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

Sample Size Received : 3 gram
Sampled : 04/01/24
Completed : 04/04/24 Expires: 04/04/25
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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	10.598	1.0598		Analyzed by: 3200, 2494, 1642, 3313 Weight: 0.2553g Extraction date: 04/02/24 21:01:44 Extracted by: 2721,3200 Analysis Method : SOP-067 (R0) Analytical Batch : DE007579TER Instrument Used : GC 6890 Analyzed Date : 04/02/24 20:51:58 Reviewed On : 04/04/24 15:35:14 Batch Date : 04/02/24 07:22:17 Dilution : 40 Reagent : 011624.R11; 032924.R13; 011624.04 Consumables : 2214520075; 00344593-5 Pipette : P1000 - 20B29164-A Terpenoid profile screening is performed by GC-FID with liquid injection via SOP-067 (R0) which can screen for 28 terpenes.				
TERPINOLENE	0.0020	9.070	0.9070						
ALPHA-PINENE	0.0020	4.281	0.4281						
BETA-CARYOPHYLLENE	0.0020	2.126	0.2126						
BETA-PINENE	0.0020	2.049	0.2049						
OCIMENE	0.0020	1.715	0.1715						
LIMONENE	0.0020	1.560	0.1560						
ALPHA-HUMULENE	0.0020	0.864	0.0864						
ALPHA-BISABOLOL	0.0020	0.649	0.0649						
3-CARENE	0.0020	0.301	0.0301						
ALPHA-TERPINENE	0.0020	0.279	0.0279						
GAMMA-TERPINENE	0.0020	0.218	0.0218						
LINALOOL	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						
GUAJOL	0.0020	ND	ND						
ISOPULEGOL	0.0020	ND	ND						
MENTHOL	0.0020	ND	ND						
NEROLIDOL	0.0020	ND	ND						
PULEGONE	0.0020	ND	ND						
ALPHA-TERPINEOL	0.0020	ND	ND						
P-CYMENE	0.0020	ND	ND						
Total (%)		3.3710							

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Stephen Goldman

Lab Director

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405-00008

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Signature
04/04/24



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

Kaycha Labs

.....
Sour Grape
Matrix : Flower
Type: Flower-Cured



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Grandpa's Family Farms

PO Box 19445,
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Email: scott.mertz@hotmail.com
License # : 403H-104234

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COMMENTS

* Cannabinoid DE40401001-001POT

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

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