



Certificate of Analysis

Sample: DE40401001-002
Seed to Sale# 1A4000D000425B9000001811
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

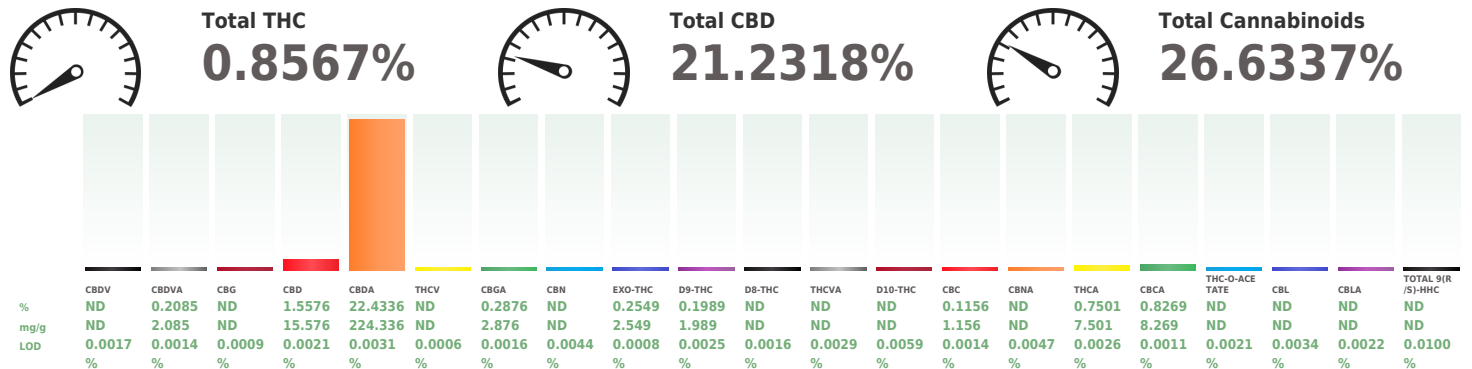
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SAFETY RESULTS

									
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: 0.2361g 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 14:06:20
Instrument Used : Agilent 1100 "Liger" Batch Date : 04/02/24 07:09:50
Analyzed Date : 04/02/24 15:57:52

Dilution : 80
Reagent : 031824.R20; 040124.R13; 011724.R02; 011624.R11; 032924.R13; 011624.O4
Consumables : 2214520075; 2014919; 00344593-5; 0000179471; 303122060; 062023CH01; 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-DAD). 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



Certificate of Analysis

TESTED

Grandpa's Family Farms

Sample : DE40401001-002

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

Sampled : 04/01/24 Sample Size Received : 3 gram
Ordered : 04/01/24 Completed : 04/04/24 Expires: 04/04/25
Sample Method : SOP Client Method

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Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
TERPINOLENE	0.0020	9.966	0.9966	<div style="width: 99.66%;"></div>	Analyzed by: 3200, 2494, 1642, 3313 Weight: 0.2361g Extraction date: 04/02/24 21:01:52 Extracted by: 2721,3200 Analysis Method : SOP-067 (R0) Analytical Batch : DE007579TER Instrument Used : GC 6890 Reviewed On : 04/04/24 15:35:35 Analyzed Date : 04/02/24 20:51:58 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.				
BETA-CARYOPHYLLENE	0.0020	2.468	0.2468	<div style="width: 24.68%;"></div>					
BETA-MYRCENE	0.0020	2.136	0.2136	<div style="width: 21.36%;"></div>					
LIMONENE	0.0020	1.181	0.1181	<div style="width: 11.81%;"></div>					
BETA-PINENE	0.0020	1.018	0.1018	<div style="width: 10.18%;"></div>					
ALPHA-HUMULENE	0.0020	0.991	0.0991	<div style="width: 9.91%;"></div>					
ALPHA-PINENE	0.0020	0.866	0.0866	<div style="width: 8.66%;"></div>					
OCIMENE	0.0020	0.704	0.0704	<div style="width: 7.04%;"></div>					
3-CARENE	0.0020	0.373	0.0373	<div style="width: 3.73%;"></div>					
ALPHA-TERPINENE	0.0020	0.333	0.0333	<div style="width: 3.33%;"></div>					
GAMMA-TERPINENE	0.0020	0.254	0.0254	<div style="width: 2.54%;"></div>					
2-ETHYL-FENCHOL	0.0020	ND	ND	<div style="width: 0%;"></div>					
BISABOLENE	0.0020	ND	ND	<div style="width: 0%;"></div>					
BORNEOL	0.0020	ND	ND	<div style="width: 0%;"></div>					
CAMPHENE	0.0020	ND	ND	<div style="width: 0%;"></div>					
CARYOPHYLLENE OXIDE	0.0020	ND	ND	<div style="width: 0%;"></div>					
EUCALYPTOL	0.0020	ND	ND	<div style="width: 0%;"></div>					
GERANIOL	0.0020	ND	ND	<div style="width: 0%;"></div>					
GUAIOL	0.0020	ND	ND	<div style="width: 0%;"></div>					
ISOPULEGOL	0.0020	ND	ND	<div style="width: 0%;"></div>					
LINALOOL	0.0020	ND	ND	<div style="width: 0%;"></div>					
MENTHOL	0.0020	ND	ND	<div style="width: 0%;"></div>					
NEROLIDOL	0.0020	ND	ND	<div style="width: 0%;"></div>					
PULEGONE	0.0020	ND	ND	<div style="width: 0%;"></div>					
ALPHA-BISABOLOL	0.0020	ND	ND	<div style="width: 0%;"></div>					
ALPHA-TERPINEOL	0.0020	ND	ND	<div style="width: 0%;"></div>					
P-CYMENE	0.0020	ND	ND	<div style="width: 0%;"></div>					
Total (%)			2.0290	<div style="width: 20.29%;"></div>					

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Stephen Goldman

Lab Director

State License # 405R-00011
405-00008

ISO 17025 Accreditation # 4331.01

Signature
04/04/24



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

Kaycha Labs

..... Gas
Matrix : Flower
Type: Flower-Cured



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TESTED

Grandpa's Family Farms

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

Sample : DE40401001-002

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Sample Method : SOP Client Method

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COMMENTS

* Cannabinoid DE40401001-002POT

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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