



CERTIFICATE OF ANALYSIS

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1 of 2

Sample: 241101TRI002.002

Sample Description: GMO og; Sample Size: 2.8784 g;

Sample Received: 11/06/2024; Report Created: 11/08/2024;
Sampled By: Client;

Auto- Atlas seeds
Plant, Flower - Cured



18.19 %
Total THC

0.03314 %
Total CBD

0.5247 %
Total CBG

21.15 %
Total Cannabinoids

Cannabinoids

Date Analyzed: 11/06/2024

Complete

Analyte	LOD %	LOQ %	Dry Weight %	Dry Weight mg/g
THCa	0.006748	0.02249	15.04	150.4
Δ9-THC	0.006748	0.02249	5.001	50.01
Δ8-THC	0.006748	0.02249	ND	ND
THCVa	0.006748	0.02249	0.1662	1.662
THCV	0.006748	0.02249	0.04926	0.4926
CBDa	0.006748	0.02249	0.03779	0.3779
CBD	0.006748	0.02249	ND	ND
CBDVa	0.006748	0.02249	ND	ND
CBDV	0.006748	0.02249	ND	ND
CBN	0.006748	0.02249	0.02804	0.2804
CBGa	0.006748	0.02249	0.4826	4.826
CBG	0.006748	0.02249	0.1009	1.009
CBCa	0.01310	0.04368	0.1090	1.090
CBC	0.006748	0.02249	0.06351	0.6351
CBL	0.006748	0.02249	0.07103	0.7103
Total			21.15	211.5

SOP.102, AOAC 2018.11 (Modified); UHPLC-PDA. Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa * 0.877 + CBD; Total CBG = CBGa * 0.878 + CBG. Pass/Fail THC criteria, if listed, is in accordance with 86 FR 5596 issued by the USDA for pre-harvest hemp clearance (total THC - uncertainty ≤ 0.3% THC). Dry weight percent of cannabinoids, if listed, is calculated using the dried weight determined by the moisture content prior to extraction, indicated as follows (SOP.702; Gravimetry).
Moisture: 11.98%

**TRI-
CHOME
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TI-CAL**

6000 Commerce Parkway Suite I
Mount Laurel, NJ
(856) 316-0600
<http://www.trichomeanalytical.com>

Kristen Goedde
Lab Manager

Tom Barkley
Technical Manager

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coa.support@confidentlims.com
(866) 506-5866



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ND=Not Detected, NR=Not Reported, LOD=Limit of Detection, LOQ=Limit of Quantitation. Action levels reported for contaminants are in accordance with N.J.S.A. 24:61-19 (CRC Resolution 2021-9) issued by the New Jersey Cannabis Regulatory Commission. Where statements of conformity are reported, the simple acceptance decision rule is applied. Values reported relate only to the product tested and batched under the sample number identified above. Measurement uncertainties associated with values reported are available upon request. Trichome Analytical makes no claims as to the efficacy, safety, or other risks associated with any detected or non-detected level of any compounds reported herein. All analytical work is performed using validated methods and in accordance with state and/or federal guidelines. This certificate may only be reproduced in full.



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Terpenes

Date Analyzed: 11/06/2024

Analytes	LOD	LOQ	Result	Result
	%	%	%	mg/g
β-Myrcene	0.00126	0.00381	0.898	8.98
Caryophyllene	0.00126	0.00381	0.265	2.65
δ-Limonene	0.00126	0.00381	0.185	1.85
α-Pinene	0.00126	0.00381	0.176	1.76
β-Pinene	0.00126	0.00381	0.0839	0.839
α-Humulene	0.00126	0.00381	0.0736	0.736
Linalool	0.00126	0.00381	0.0551	0.551
Ocimene	0.00126	0.00381	0.0503	0.503
α-Bisabolol	0.00126	0.00381	0.0312	0.312
Valencene	0.00126	0.00381	0.0284	0.284
Fenchyl Alcohol	0.00126	0.00381	0.0282	0.282
Nerolidol	0.00126	0.00381	0.0225	0.225
Terpineol	0.00126	0.00381	0.0222	0.222
Camphene	0.00126	0.00381	0.00805	0.0805
3-Carene	0.00126	0.00381	ND	ND
α-Cedrene	0.00126	0.00381	ND	ND
α-Phellandrene	0.00126	0.00381	ND	ND
α-Terpinene	0.00126	0.00381	<LOQ	<LOQ
Borneol	0.0406	0.122	ND	ND
Camphor	0.00507	0.0152	ND	ND
Caryophyllene Oxide	0.00256	0.00763	ND	ND
Cedrol	0.00126	0.00381	ND	ND
Eucalyptol	0.00126	0.00381	<LOQ	<LOQ
Fenchone	0.00256	0.00763	<LOQ	<LOQ
γ-Terpinene	0.00126	0.00381	<LOQ	<LOQ
Geraniol	0.0811	0.243	ND	ND
Geranyl Acetate	0.00126	0.00381	ND	ND
Guaïol	0.00126	0.00381	ND	ND
Isoborneol	0.00507	0.0152	ND	ND
Isopulegol	0.00126	0.00381	ND	ND
Menthol	0.00256	0.00763	ND	ND
Nerol	0.0406	0.122	ND	ND
Pulegone	0.00126	0.00381	ND	ND
Sabinene	0.00126	0.00381	ND	ND
Sabinene Hydrate	0.00126	0.00381	<LOQ	<LOQ
Terpinolene	0.00126	0.00381	<LOQ	<LOQ

Primary Aromas


Hops


Cinnamon


Lemon


Pine



Lavender

1.93%
Total Terpenes

SOP:202; HS-GC-MS.

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