QA Testing

PharmLabs San Diego Certificate of Analysis

Sample **Grape Gas**

Delta9 THC	THCa	Total THC (THCa * 0.877 + THC)	Delta8 THC
0.23%	21.46%	19.05%	ND

Sample ID SD250215-054 (107426) — Matrix Flower
Tested for Pure Leaf Distribution
Sampled - — Received Feb 14, 2025 — Reported Feb 21, 2025
Analyses executed CAN+, MIBIG, MTO, PES, HME, FVI, MWA

* CAN+ - Cannabinoids

Analyzed Jan 30, 2025 | Instrument HPLC-VWD | Method SOP-001
The expanded Uncertainty of the Cannabinoids analysis is approximately ±7.81% at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidivarin (CBDV)	0.039	0.16	ND	ND
Cannabidibutol (CBDb)	0.011	0.03	ND	ND
Cannabidiolic Acid (CBDA)	0.033	0.16	0.05	0.46
Cannabigerol Acid (CBGA)	0.033	0.16	0.57	5.74
Cannabigerol (CBG)	0.048	0.16	0.08	0.85
Cannabidiol (CBD)	0.069	0.229	ND	ND
Tetrahydrocannabivarin (THCV)	0.049	0.162	ND	ND
Cannabinol (CBN)	0.047	0.16	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.092	0.307	0.23	2.31
Δ8-tetrahydrocannabinol (Δ8-THC)	0.044	0.16	ND	ND
Cannabicyclol (CBL)	0.0012	0.16	0.03	0.29
Cannabichromene (CBC)	0.002	0.16	0.03	0.30
Tetrahydrocannabinolic Acid (THCA)	0.117	0.389	21.46	214.63
Total THC (THCa * 0.877 + Δ9THC)			19.05	190.54
Total THC + Δ8THC (THCa * 0.877 + Δ9THC + Δ8THC)			19.05	190.54
Total CBD (CBDa * 0.877 + CBD)			0.04	0.40
Total CBG (CBGa * 0.877 + CBG)			0.59	5.88
Total Cannabinoids Analyzed			19.74	197.42

*Dry Weight %

HME - Heavy Metals

Analyzed Feb 20, 2025 | Instrument ICP/MSMS | Method SOP-005

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.0009	0.0027	0.00	1.5
Cadmium (Cd)	0.0005	0.0015	ND	0.5
Mercury (Hg)	0.0058	0.0174	0.00	3
Lead (Pb)	0.0006	0.0018	ND	0.5

MIBIG - Microbial

Analyzed Feb 19, 2025 | Instrument qPCR and/or Plating | Method SOP-007

Analyte	LOD CFU/g	LOQ CFU/g	Result CFU/g	Limit CFU/g
Shiga toxin-producing Escherichia Coli	1.0	1.0	ND	1
Salmonella spp.	1.0	1.0	ND	1
Aspergillus fumigatus	1.0	1.0	ND	1
Aspergillus flavus	1.0	1.0	ND	1
Aspergillus niger	1.0	1.0	ND	1
Aspergillus terreus	1.0	1.0	ND	1

MTO - Mycotoxin

Analyzed Feb 19, 2025 | Instrument LC/MSMS | Method SOP-004

Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg	Limit ug/kg	Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg	Limit ug/kg
Ochratoxin A	5.0	20.0	ND	20	Aflatoxin B1	2.5	5.0	ND	-
Aflatoxin B2	2.5	5.0	ND	-	Aflatoxin G1	2.5	5.0	ND	-
Aflatoxin G2	2.5	5.0	ND	-	Total Aflatoxins	10.0	20.0	ND	20

UI Unidentified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above Upper Limit of Linearity
CFU/g Colony Forming Units per 1 gram
TNTC Too Numerous to Count

PJLA Testing Acc. #85368

DCC license: C8-0000098-LIC
DEA license: RP0611043
ISO/IEC 17025:2017 Acc. 85368

Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager
Fri, 21 Feb 2025 17:41:14 -0800

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PharmWare LABORATORY LIMS & ELN

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