

PharmLabs San Diego Certificate of Analysis



Sample **Ultimate Dryer**

Delta9 THC	0.35%	THCa	11.25%	Total THC (THC + THCa)	11.60%
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Sample ID	SD190619-004 (34202)	Matrix	Flower (Inhalable Cannabis Good)
Tested for	Tanguay Kelly	Received	Jun 18, 2019
Sampled	-	Reported	Jun 26, 2019
Analyses executed	CAN, TER		

*** CAN - Cannabinoids Analysis**

Analyzed Jun 19, 2019 | Instrument HPLC-VWD | Method SOP-001
 The expanded Uncertainty of the Cannabinoid analysis is approximately $\pm 7.806\%$ at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidiolic Acid (CBDA)	0.001	0.16	0.02	0.18
Cannabigerol (CBG)	0.001	0.16	0.30	3.04
Cannabidiol (CBD)	0.001	0.16	0.03	0.28
Cannabinol (CBN)	0.001	0.16	0.07	0.66
Tetrahydrocannabinol (Δ^9 -THC)	0.003	0.16	0.35	3.49
Δ^8 -tetrahydrocannabinol (Δ^8 -THC)	0.004	0.16	NT	NT
(6aR,9S)- Δ^{10} -Tetrahydrocannabinol ((6aR,9S)- Δ^{10})	0.015	0.16	NT	NT
(6aR,9R)- Δ^{10} -Tetrahydrocannabinol ((6aR,9R)- Δ^{10})	0.007	0.16	NT	NT
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	12.83	128.31
Total THC (THCa * 0.877 + Δ^9THC)			11.60	116.01
Total CBD (CBDA * 0.877 + CBD)			0.04	0.44
Total Cannabinoids Analyzed			12.02	120.15

*Dry Weight %

TER - Terpenes Analysis

Analyzed Jun 21, 2019 | Instrument GC/FID | Method SOP-002

Analyte	LOD mg/g	LOQ mg/g	(%)	(mg/g)	Analyte	LOD mg/g	LOQ mg/g	(%)	(mg/g)
α -Pinene (α -Pin)	0.128	0.427	0.40	3.99	Camphene (Cam)	0.147	0.492	0.01	0.08
Myrcene (Myr)	0.073	0.244	0.21	2.14	b-Pinene (b-Pin)	0.413	1.377	0.10	1.03
3-Carene (3-Car)	0.11	0.366	ND	ND	α -Terpinene (α -Ter)	0.099	0.331	ND	ND
α -Ocimene (α -Oci)	0.055	0.182	ND	ND	Limonene (Lim)	0.081	0.268	0.05	0.50
p-Cymene (p-Cym)	0.104	0.347	ND	ND	b-Ocimene (b-Oci)	0.085	0.282	0.02	0.22
Eucalyptol (Euc)	0.19	0.634	0.00	0.02	g-Terpinene (g-Ter)	0.108	0.361	ND	ND
Terpenolene (Terp)	0.119	0.395	0.00	0.01	Linalool (Lin)	0.146	0.487	0.06	0.59
Isopulegol (Isop)	0.139	0.464	ND	ND	Geraniol (Gera)	0.177	0.589	ND	ND
b-Caryophyllene (b-Cary)	0.132	0.44	0.13	1.34	α -Humulene (Hum)	0.183	0.608	0.11	1.11
cis-Nerolidol (ci-Ner)	0.129	0.431	0.04	0.38	trans-Nerolidol (tr-Ner)	0.093	0.31	0.03	0.32
Guaial (Gua)	0.15	0.499	ND	ND	Caryophyllene Oxide (CarOx)	0.183	0.611	0.00	0.03
α -bisabolol (α -Bbis)	0.159	0.529	0.06	0.61					
Total Terpene Concentration								1.24 %	12.37 mg/g

UJ 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



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 DEA license: RP0611043
 ISO/IEC 17025:2017 Acc. L17-427-1



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Authorized Signature

Clarence Gillett

Dr. Clarence Gillett, PhD, VP of Scientific Operations
 Wed, 26 Jun 2019 14:30:37 -0700

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