

PharmLabs San Diego Certificate of Analysis

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 ISO/IEC 17025:2017 Certification L17-427-1 | Accreditation #85368



Sample **D8 2G OG Kush**

Sample ID SD230128-017 (60764)	Matrix Concentrate (Inhalable Cannabis Good)
Tested for A8 Industries	
Sampled -	Received Jan 27, 2023
Analyses executed QARUSH, CAN+, TER	Reported Feb 01, 2023

Laboratory note: The estimated concentration of the unknown peak in the sample is 49.72 mg/g | Currently PharmLabs laboratory can not confirm an unidentified peak in your chromatogram due to interference (only with highly concentrated D8 products) from which we believe to be either (+)-d8-THC or d9-THC. At this time there are no reference standards available for (+)-d8-THC. (+)-d8-THC is a different compound from the main (+)-d9-THC cannabinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)-d8-THC and d9-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)-d8-THC and d9-THC with the majority, if not all, of the concentration being (+)-d8-THC. Total d8-THC is estimated to be 923.25 mg/g.

CAN+ - Cannabinoids Analysis

Analyzed Feb 01, 2023 | Instrument HPLC-VWD | Method SOP-001
 Measurement Uncertainty at 95% confidence 7.806%

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidiol (CBDV)	0.059	0.16	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND
Cannabigerol (CBG)	0.001	0.16	ND	ND
Cannabidiol (CBD)	0.001	0.16	<LOQ	<LOQ
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Cannabinol (CBN)	0.001	0.16	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	92.32	923.25
Cannabicyclol (CBL)	0.002	0.16	ND	ND
Cannabichromene (CBC)	0.002	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND
Total THC (THCa * 0.877 + Δ9THC)			ND	ND
Total THC + Δ8THC (THCa * 0.877 + Δ9THC + Δ8THC)			92.32	923.25
Total CBD (CBDA * 0.877 + CBD)			ND	ND
Total CBG (CBGA * 0.877 + CBG)			ND	ND
Total Cannabinoids			92.32	923.25

Sample photography



TER - Terpenes Testing Analysis

Analyzed Feb 01, 2023 | 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	0.25	2.32	Camphene (Cam)	0.147	0.492	ND	ND
Myrcene (Myr)	0.073	0.244	1.78	17.78	b-Pinene (b-Pin)	0.413	1.377	0.26	2.65
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	1.08	10.84
p-Cymene (p-Cym)	0.104	0.347	ND	ND	b-Ocimene (b-Oci)	0.085	0.282	0.26	2.56
Eucalyptol (Euc)	0.19	0.634	ND	ND	g-Terpinene (g-Ter)	0.108	0.361	ND	ND
Terpenolene (Terp)	0.119	0.395	ND	ND	Linalool (Lin)	0.146	0.487	0.04	0.36
Isopulegol (Isop)	0.139	0.464	ND	ND	Geraniol (Gera)	0.177	0.589	ND	ND
b-Caryophyllene (b-Cary)	0.132	0.44	0.21	2.10	α-Humulene (Hum)	0.183	0.608	ND	ND
cis-Nerolidol (ci-Ner)	0.129	0.431	ND	ND	trans-Nerolidol (tr-Ner)	0.093	0.31	ND	ND
Guaiol (Gua)	0.15	0.499	ND	ND	Caryophyllene Oxide (CarOx)	0.183	0.611	ND	ND
α-bisabolol (α-Bbis)	0.159	0.529	ND	ND					
					Total Terpene Concentration			3.86 %	38.61 mg/g

UI Not Identified
 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



Scan the QR code to verify authenticity.

Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager
 Wed, 01 Feb 2023 14:29:34 -0800

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