PharmLabs San Diego Certificate of Analysis

Sample D8 2G Blue Dream





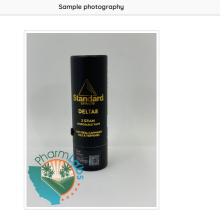
Sample ID SD230128-014 (60761)		Matrix Concentrate (Inhalable Cannabis Good)		
Tested for A8 Industries				
Sampled -	Received Jan 27, 2023	Reported Feb 01, 2023		
Analyses executed QARUSH, CAN+, TER		Unit Mass (g) 2.0		

Laboratory note: The estimated concentration of the unknown peak in the sample is 49.12 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 and d9-THC. At this time there are no reference standards available for (+)d8-THC (+)d8-THC is a different compound from the main (+)d8-THC cannabinoid and, therefore, these two compounds may have different efficacles. Using the most advanced instruments and techniques available, the separation of (+)d8-THC and d9-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 problematic to be 941.24 mg/g.

CAN+ - Cannabinoids Analysis

Analyzed Feb 01, 2023 | Instrument HPLC-VWD | Method SOP-001

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Result mg/Unit
Cannabidivarin (CBDV)	0.039	0.16	ND	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND	ND
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND	ND
Cannabigerol (CBG)	0.001	0.16	ND	ND	ND
Cannabidiol (CBD)	0.001	0.16	ND	ND	ND
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND	ND
Cannabinol (CBN)	0.001	0.16	<l0q< td=""><td><loq< td=""><td><l0q< td=""></l0q<></td></loq<></td></l0q<>	<loq< td=""><td><l0q< td=""></l0q<></td></loq<>	<l0q< td=""></l0q<>
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI	UI
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	94.12	941.24	1882.48
Cannabicyclol (CBL)	0.002	0.16	ND	ND	ND
Cannabichromene (CBC)	0.002	0.16	ND	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND	ND
Total THC (THCa * 0.877 + A 9THC)			ND	ND	ND
Total THC + Δ8THC (THCa * 0.877 + Δ9THC + Δ8THC)			94.12	941.24	1882.48
Total CBD (CBDa * 0.877 + CBD)			ND	ND	ND
Total CBG (CBGa * 0.877 + CBG)			ND	ND	ND



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)
a-Pinene (a-Pin)	0.128	0.427	0.13	1.32	Camphene (Cam)	0.147	0.492	ND	ND
Myrcene (Myr)	0.073	0.244	4.32	43.17	b-Pinene (b-Pin)	0.413	1.377	0.27	2.70
3-Carene (3-Car)	0.11	0.366	ND	ND	a-Terpinene (a-Ter)	0.099	0.331	ND	ND
a-Ocimene (a-Oci)	0.055	0.182	ND	ND	Limonene (Lim)	0.081	0.268	1.21	12.15
p-Cymene (p-Cym)	0.104	0.347	ND	ND	b-Ocimene (b-Oci)	0.085	0.282	ND	ND
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	0.18	1.82	a-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	0.40	4.04
a-bisabolol (a-Bbis)	0.159	0.529	ND	ND					

Total Terpene Concentration

65.57 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 VLOL Above upper limit of linearity
CEVI/Q Colony Forming Units per 1 gram
TNTC Too Numerous to Count









Authorized Signature

Brandon Starr Brandon Starr, Lab Manager Wed, 01 Feb 2023 14:26:46 -0800

