

PharmLabs San Diego **Certificate of Analysis**



Sample **Whole Flower Cannabis Oil - Berry White**

Delta9 THC **668.26%** Total THC (THC + THCa) **668.26%**

Sample ID SD180522-006 (30909) Matrix **Concentrate (Inhalable Cannabis Good)**
 Tested for **Hughes David**
 Sampled - Received **May 22, 2018** Reported **May 31, 2018**
 Analyses executed **CAN, TER, PES**

CAN - Cannabinoids Analysis

Analyzed **May 26, 2018** | Instrument **HPLC-VWD** | Method **SOP-001**
 The expanded Uncertainty of the Cannabinoid analysis is approximately **±.806%** at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidiolic Acid (CBDA)	0.001	0.16	NT	NT
Cannabigerol (CBG)	0.001	0.16	3.34	33.43
Cannabidiol (CBD)	0.001	0.16	0.08	0.78
Cannabinol (CBN)	0.001	0.16	0.22	2.24
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	66.83	668.26
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	NT	NT
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.16	NT	NT
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.16	NT	NT
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	NT	NT
Total THC (THCa * 0.877 + Δ9THC)			66.83	668.26
Total Cannabinoids Analyzed			70.47	704.71

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



DCC license: **C8-0000098-LIC**
 DEA license: **RP0611043**
 ISO/IEC 17025:2017 Acc. L17-427-1



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PES - Pesticides Analysis

Analyzed May 25, 2018 | Instrument LC/MSMS GC/MSMS | Method SOP-003

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Aldicarb	0.0078	0.02	ND	0.0078	Carbofuran	0.01	0.02	ND	0.01
Dimethoate	0.01	0.02	ND	0.01	Etofenprox	0.02	0.1	ND	0.02
Fenoxycarb	0.01	0.02	ND	0.01	Thiachloprid	0.01	0.02	ND	0.01
Daminozide	0.01	0.03	ND	0.01	Dichlorvos	0.02	0.07	ND	0.02
Imazalil	0.02	0.07	ND	0.02	Methiocarb	0.01	0.02	ND	0.01
Spiroxamine	0.01	0.02	ND	0.01	Coumaphos	0.01	0.02	ND	0.01
Fipronil	0.01	0.1	ND	0.01	Paclobotrazol	0.01	0.03	ND	0.01
Chlorpyrifos	0.01	0.04	ND	0.01	Ethoprophos (Prophos)	0.01	0.02	ND	0.01
Baygon (Propoxur)	0.01	0.02	ND	0.01	Chlordane	0.04	0.1	NT	0.04
Chlorfenapyr	0.03	0.1	NT	0.03	Methyl Parathion	0.02	0.1	NT	0.02
Mevinphos	0.03	0.08	NT	0.03	Abamectin	0.03	0.08	ND	0.1
Acephate	0.02	0.05	ND	0.1	Acetamiprid	0.01	0.05	ND	0.1
Azoxystrobin	0.01	0.02	ND	0.1	Bifenazate	0.01	0.05	ND	0.1
Bifenthrin	0.02	0.35	ND	3	Boscalid	0.01	0.03	ND	0.1
Carbaryl	0.01	0.02	ND	0.5	Chlorantraniliprole	0.01	0.04	ND	10
Clofentezine	0.01	0.03	ND	0.1	Diazinon	0.01	0.02	ND	0.1
Dimethomorph	0.02	0.06	ND	2	Etoxazole	0.01	0.05	ND	0.1
Fenpyroximate	0.02	0.1	ND	0.1	Fonicamid	0.01	0.02	ND	0.1
Fludioxonil	0.01	0.05	ND	0.1	Hexythiazox	0.01	0.03	ND	0.1
Imidacloprid	0.01	0.05	ND	5	Kresoxim-methyl	0.01	0.03	ND	0.1
Malathion	0.01	0.05	ND	0.5	Metalaxyl	0.01	0.02	ND	2
Methomyl	0.02	0.05	ND	1	Myclobutanil	0.02	0.07	ND	0.1
Naled	0.01	0.02	NT	0.1	Oxamyl	0.01	0.02	ND	0.5
Permethrin	0.01	0.02	ND	0.5	Phosmet	0.01	0.02	ND	0.1
Piperonyl Butoxide	0.02	0.06	ND	3	Propiconazole	0.03	0.08	ND	0.1
Prallethrin	0.02	0.05	ND	0.1	Pyrethrin	0.05	0.41	ND	0.5
Pyridaben	0.02	0.07	ND	0.1	Spinosad A	0.01	0.05	ND	0.1
Spinosad D	0.01	0.05	ND	0.1	Spiromesifen	0.02	0.06	ND	0.1
Spirotetramat	0.01	0.02	ND	0.1	Tebuconazole	0.01	0.02	ND	0.1
Thiamethoxam	0.01	0.02	ND	5	Trifloxystrobin	0.01	0.02	ND	0.1
Acequinocyl	0.02	0.09	NT	0.1	Captan	0.01	0.02	NT	0.7
Cypermethrin	0.02	0.1	NT	1	Cyfluthrin	0.04	0.1	NT	2
Fenhexamid	0.02	0.07	NT	0.1	Spinetoram J.L	0.02	0.07	NT	0.1
Pentachloronitrobenzene	0.01	0.1	NT	0.1					

TER - Terpenes Analysis

Analyzed May 31, 2018 | 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	0.01	0.05	Camphene (Cam)	0.147	0.492	ND	ND
Myrcene (Myr)	0.073	0.244	0.10	1.04	b-Pinene (b-Pin)	0.413	1.377	0.01	0.10
3-Carene (3-Car)	0.11	0.366	0.01	0.08	α-Terpinene (α-Ter)	0.099	0.331	0.01	0.05
α-OCimene (α-Oci)	0.055	0.182	0.00	0.02	Limonene (Lim)	0.081	0.268	0.07	0.74
p-Cymene (p-Cym)	0.104	0.347	ND	ND	b-OCimene (b-Oci)	0.085	0.282	0.04	0.40
Eucalyptol (Euc)	0.19	0.634	0.01	0.09	g-Terpinene (g-Ter)	0.108	0.361	0.00	0.04
Terpenolene (Terp)	0.119	0.395	0.10	0.98	Linalool (Lin)	0.146	0.487	0.26	2.60
Isopulegol (Isop)	0.139	0.464	ND	ND	Geraniol (Gera)	0.177	0.589	ND	ND
b-Caryophyllene (b-Cary)	0.132	0.44	1.04	10.44	α-Humulene (Hum)	0.183	0.608	0.32	3.16
cis-Nerolidol (ci-Ner)	0.129	0.431	0.00	0.01	trans-Nerolidol (tr-Ner)	0.093	0.31	0.03	0.32
Guaiol (Gua)	0.15	0.499	0.00	0.04	Caryophyllene Oxide (CarOx)	0.183	0.611	0.01	0.11
α-bisabolol (α-Bbis)	0.159	0.529	0.02	0.22					
					Total Terpene Concentration			2.05 %	20.50 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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