



Certificate of Analysis

Product Code: CBDps014
 Product: CBD (Cannabidiol) Clearwater
 Description: Liquid Formulation with 15% CBD by weight
 Excipients: All material used are GRAS. Medium Chain Triglycerides
 QC Sample Identification: 001228
 Batch Number: PSD1127172 Ex. 06/30/19
 Appearance: clear to slight yellow colored liquid
 CBD Purity: 98.6% (HPLC)
 CBD Source: Industrial Hemp from USA
 Total THC Content (%): <0.001% (HPLC)(Below QDL)

We certify that this material has been analyzed by certified laboratory and conforms to the tolerances described in PSD, Inc. specification.

Signed on behalf of CSI:

Karl W. Edelman

PharmLabs San Diego Certificate of Analysis QA

3421 Hancock St, Second Floor, San Diego, CA 92110 | License: C8-17-0000008-TEMP
 ISO/IEC 17025:2005 Certification L17-427-1 | Accreditation #85368



Sample **RBF001-190117**

Sample ID SD190121-005 (33449) Matrix Isolate (Other Cannabis Product) Sample Size Batch Size Batch ID RBF001-190117
 Tested for ██████████
 Sampled - Received Jan 21, 2019 Reported Jan 22, 2019
 Analyses executed CAN, RES

CAN - Cannabinoid Profile Analysis

Analyzed Jan 22, 2019 | Instrument HPLC | Method M-004, SOP-009, SOP-015, SOP-019

Analyte	LOD ppm	LOQ ppm	Result %	Result mg/g
Tetrahydrocannabinol (THC)	0.04	0.15	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.05	0.11	ND	ND
Cannabidiol (CBD)	0.01	0.04	≥ 99.9	≥ 999
Cannabidiolic Acid (CBDA)	0.01	0.02	ND	ND
Cannabinol (CBN)	0.05	0.1	ND	ND
Cannabigerol (CBG)	0.05	0.09	ND	ND
Total THC (THCa * 0.877 + THC)			0.00	0.00
Total CBD (CBDA * 0.877 + CBD)			≥ 99.90	≥ 999.00

RES - Residual Solvents Testing Analysis

Analyzed Jan 22, 2019 | Instrument GC/FID with Headspace Analyzer | Method M-002, SOP-013, SOP-018, SOP-02

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
Propane (Prop)	0.2	0.5	ND	5000	Ethylene Oxide (EthOx)	0.2	0.5	ND	0
Butane (But)	0.2	0.5	ND	5000	Methanol (Metha)	0.2	0.5	ND	3000
Pentane (Pen)	0.2	0.5	ND	5000	Ethanol (Ethan)	0.2	0.5	ND	5000
Ethyl Ether (EthEt)	0.2	0.5	ND	5000	Acetone (Acet)	0.2	0.5	ND	5000
Isopropanol (2-Pro)	0.2	0.5	ND	5000	Acetonitrile (Acetonit)	0.2	0.5	ND	410
Methylene Chloride (MetCh)	0.2	0.5	ND	0	Hexane (Hex)	0.2	0.5	ND	290
Ethyl Acetate (EthAc)	0.2	0.5	ND	5000	Chloroform (Clo)	0.2	0.5	ND	0
Benzene (Ben)	0.2	0.5	ND	0	1,2-Dichloroethane (1,2-Dich)	0.2	0.5	ND	0
Heptane (Hep)	0.2	0.5	182.9	5000	Trichloroethylene (TriClEth)	0.2	0.5	ND	0
Toluene (Toluene)	0.2	0.5	ND	890	O,M,P-Xylene (tot-xy)	0.2	0.5	ND	2170

NT Not Tested
 ND Not Detected
 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



Authorized Signature

[Signature]

Karina Pimentel, Laboratory Manager
 Tue, 22 Jan 2019 17:22:21 -0800