

## PharmLabs San Diego Certificate of Analysis

3421 Hancock St, Second Floor, San Diego, CA 92110 | License: C8-000098-LIC  
ISO/IEC 17025:2005 Certification L17-427-1 | Accreditation #85368Sample **804A**

Sample ID	SD200918-012 (39421)	Matrix	Distillate - NI (Other Cannabis Good)
Tested for	Recreational 8		
Sampled -	Received	Sep 18, 2020	Reported
Analyses executed	CAN+, RES, MIBIG, MTO, PES, HME, FVI		

## CAN+ - Cannabinoid Profile Analysis

Analyzed Sep 19, 2020 | Instrument HPLC-VWD | Method SOP-001 | Measurement Uncertainty at 95% confidence 7.81 %

Analyte	LOD %	LOQ %	Result %	Result mg/g
Cannabidiol (CBD)	0.0002	0.0007	ND	ND
Cannabidiolol Acid (CBDA)	0.0001	0.0003	ND	ND
Cannabigerol Acid (CBGA)	0.0001	0.0002	ND	ND
Cannabigerol (CBG)	0.0001	0.0004	ND	ND
Cannabidiol (CBD)	0.0001	0.0003	ND	ND
Tetrahydrocannabivarin (THCV)	0.0001	0.0003	ND	ND
Cannabinol (CBN)	0.0001	0.0003	<LOQ	<LOQ
Tetrahydrocannabinol ( $\Delta^9$ -THC)	0.0003	0.0009	ND	ND
$\Delta^8$ -tetrahydrocannabinol ( $\Delta^8$ -THC)	0.0004	0.0014	87.80	878.05
Cannabinol (CBL)	0.0002	0.0006	ND	ND
Cannabichromene (CBC)	0.0002	0.0005	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.0001	0.0004	ND	ND
Total THC (THCa * 0.877 + THC)			-	-
Total CBD (CBDA * 0.877 + CBD)			-	-
Total CBG (CBGa * 0.877 + CBG)			0.00	0.00
TOTAL CANNABINOIDS			87.80	878.00

## HME - Heavy Metals Detection Analysis

Analyzed Sep 28, 2020 | Instrument ICP/MSMS | Method SOP-005

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
Arsenic (As)	0.0002	0.05	ND	1.5	Cadmium (Cd)	3.0e-05	0.05	ND	0.5
Mercury (Hg)	1.0e-05	0.01	0.05	3.0	Lead (Pb)	1.0e-05	0.125	0.01	0.5

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

Dr. Lia Prevedello, Laboratory Director  
Mon, 28 Sep 2020 17:50:34 -0700

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## MIBIG - Microbial Testing Analysis

Analyzed Sep 24, 2020 | Instrument qPCR and/or Plating | Method SOP-007

Analyte	Result CFU/g	Limit	Analyte	Result CFU/g	Limit
Shiga toxin-producing Escherichia Coli	Negative	ND per 1 gram	Salmonella spp.	Negative	ND per 1 gram
Aspergillus fumigatus	Negative	ND per 1 gram	Aspergillus flavus	Negative	ND per 1 gram
Aspergillus niger	Negative	ND per 1 gram	Aspergillus terreus	Negative	ND per 1 gram

## MTO - Mycotoxin Testing Analysis

Analyzed Sep 25, 2020 | Instrument LC/MSMS | Method SOP-004

Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg (ppb)	Limit ug/kg	Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg (ppb)	Limit ug/kg
Ochratoxin A	0.78	1.56	ND	20	Aflatoxin B1	0.78	1.56	ND	20
Aflatoxin B2	0.78	1.56	ND	20	Aflatoxin G1	0.78	1.56	ND	20
Aflatoxin G2	0.78	1.56	ND	20	Total Aflatoxins	0.78	1.56	ND	20

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## PES - Pesticides Screening Analysis

Analyzed Sep 25, 2020 | 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	0.025	0.1	ND	0.025	Carbofuran	0.025	0.1	ND	0.025
Dimethoate	0.025	0.1	ND	0.025	Etofenprox	0.025	0.1	ND	0.025
Fenoxycarb	0.025	0.1	ND	0.025	Thiacloprid	0.025	0.1	ND	0.025
Daminozide	0.025	0.1	ND	0.025	Dichlorvos	0.025	0.1	ND	0.025
Imazalil	0.025	0.1	ND	0.025	Methiocarb	0.025	0.1	ND	0.025
Spiroxamine	0.025	0.1	ND	0.025	Coumaphos	0.025	0.1	ND	0.025
Fipronil	0.025	0.1	ND	0.025	Paclobutrazol	0.025	0.1	ND	0.025
Chlorpyrifos	0.025	0.1	ND	0.025	Ethoprophos (Prophos)	0.025	0.1	ND	0.025
Baygon (Propoxur)	0.025	0.1	ND	0.025	Chlordane	0.025	0.1	ND	0.025
Chlorfenapyr	0.025	0.1	ND	0.025	Methyl Parathion	0.025	0.1	ND	0.025
Mevinphos	0.025	0.1	ND	0.025	Abamectin	0.025	0.05	ND	0.3
Acephate	0.025	0.05	ND	5	Acetamiprid	0.025	0.05	ND	5
Azoxystrobin	0.025	0.05	ND	40	Bifenazate	0.025	0.05	ND	5
Bifenthrin	0.025	0.05	ND	0.5	Boscalid	0.025	0.05	ND	10
Carbaryl	0.025	0.05	ND	0.5	Chlorantraniliprole	0.025	0.05	ND	40
Clofentezine	0.025	0.05	ND	0.5	Diazinon	0.025	0.05	ND	0.2
Dimethomorph	0.025	0.05	ND	20	Etoazole	0.025	0.05	ND	1.5
Fenpyroximate	0.025	0.05	ND	2	Fonicamid	0.025	0.05	ND	2
Fludioxonil	0.025	0.05	ND	30	Hexythiazox	0.025	0.05	ND	2
Imidacloprid	0.025	0.05	ND	3	Kresoxim-methyl	0.025	0.05	ND	1
Malathion	0.025	0.05	ND	5	Metalaxyl	0.025	0.05	ND	15
Methomyl	0.025	0.05	ND	0.1	Myclobutanil	0.025	0.05	ND	9
Naled	0.025	0.05	ND	0.5	Oxamyl	0.025	0.05	ND	0.2
Permethrin	0.025	0.05	ND	20	Phosmet	0.025	0.05	ND	0.2
Piperonyl Butoxide	0.025	0.05	ND	8	Propiconazole	0.025	0.05	ND	20
Prallethrin	0.025	0.05	ND	0.4	Pyrethrin	0.025	0.05	ND	1
Pyridaben	0.025	0.05	ND	3	Spinosad A	0.025	0.05	ND	3
Spinosad D	0.025	0.05	ND	3	Spiromesifen	0.025	0.05	ND	12
Spirotetramat	0.025	0.05	ND	13	Tebuconazole	0.025	0.05	ND	2
Thiamethoxam	0.025	0.05	ND	4.5	Trifloxystrobin	0.025	0.05	ND	30
Acequinocyl	0.025	0.05	ND	4	Captan	0.025	0.05	ND	5
Cypermethrin	0.025	0.05	ND	1	Cyfluthrin	0.025	0.05	ND	1
Fenhexamid	0.025	0.05	ND	10	Spinetoram J,L	0.025	0.05	ND	3
Pentachloronitrobenzene	0.025	0.05	ND	0.2					

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 Testing  
 Accreditation #85368



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## RES - Residual Solvents Testing Analysis

Analyzed Sep 23, 2020 | Instrument GC/FID with Headspace Analyzer | Method SOP-006

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)	0.4	40.0	ND	5000	Butane (But)	0.4	40.0	<LOQ	5000
Methanol (Metha)	0.4	40.0	<LOQ	3000	Ethylene Oxide (EthOx)	0.4	0.8	ND	1
Pentane (Pen)	0.4	40.0	ND	5000	Ethanol (Ethan)	0.4	40.0	ND	5000
Ethyl Ether (EthEt)	0.4	40.0	ND	5000	Acetone (Acet)	0.4	40.0	<LOQ	5000
Isopropanol (2-Pro)	0.4	40.0	<LOQ	5000	Acetonitrile (Acetonit)	0.4	40.0	<LOQ	410
Methylene Chloride (MetCh)	0.4	0.8	ND	1	Hexane (Hex)	0.4	40.0	ND	290
Ethyl Acetate (EthAc)	0.4	40.0	ND	5000	Chloroform (Clo)	0.4	0.8	ND	1
Benzene (Ben)	0.4	0.8	ND	1	1-2-Dichloroethane (12-Dich)	0.4	0.8	ND	1
Heptane (Hep)	0.4	40.0	ND	5000	Trichloroethylene (TriClEth)	0.4	40.0	ND	1
Toluene (Toluene)	0.4	40.0	ND	890	M,P-Xylene (mp-xyl)			ND	2170
O-Xylene (o-xyl)			ND	2170					

\*The limit of 2170 ug/g for M,P-Xylene (mp-xyl) and O-Xylene (o-xyl) is to be intended as the two analytes combined.

## FVI - Filth & Foreign Material Inspection Analysis

Analyzed Sep 23, 2020 | Instrument Microscope | Method SOP-010

Analyte / Limit	Result	Analyte / Limit	Result
> 1/4 of the total sample area covered by sand, soil, cinders, or dirt	Negative	> 1/4 of the total sample area covered by mold	Negative
> 1 insect fragment, 1 hair, or 1 count mammalian excreta per 3g	Negative	> 1/4 of the total sample area covered by an imbedded foreign material	Negative

ND Not Detected  
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