

PharmLabs Coachella Valley LLC Certificate of Analysis

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 ISO/IEC 17025:2017 Certification L17-427-3 | Accreditation #85368

Sample **18-9 Shatter - 916109**

Sample ID	CV180329-005 (1471)	Matrix	Concentrate (Inhalable Cannabis Good)		
Distributor License	A11-18-0000080-Temp	Address	84811 Avenue 48, Coachella CA 92236	Name	Coachella Distributors LLC
Cultivator/Manufacturer/Microbusiness License	CDPH-T00000241	Address	84811 Avenue 48, Unit C, Coachella, CA 92236	Name	Coachella Manufacturing, LLC
Sampled	-	Received	-	Reported	Apr 06, 2018
Analyses executed CAN, TER, RES, MIBIG, PES					

CAN - Cannabinoid Profile Analysis

Analyzed Apr 03, 2018 | Instrument HPLC | Method SOP-001

Analyte	LOD ppm	LOQ ppm	Result %	Result mg/g
Cannabidiolic Acid (CBDA)	0.01	0.02	0.10	0.98
Cannabigerol (CBG)	0.03	0.09	3.09	30.86
Cannabidiol (CBD)	0.01	0.04	0.16	1.64
Cannabinol (CBN)	0.03	0.1	0.39	3.88
Tetrahydrocannabinol (Δ 9-THC)	0.04	0.15	2.14	21.43
Tetrahydrocannabinolic Acid (THCA)	0.03	0.11	89.15	891.50
Total THC (THCa * 0.877 + THC)			80.33	803.27
Total CBD (CBDA * 0.877 + CBD)			0.25	2.50
TOTAL CANNABINOIDS			84.05	840.52

MIBIG - Microbial Testing Analysis

Analyzed Apr 05, 2018 | Instrument qPCR and/or Plating | Method SOP-007

Analyte	Result CFU/g	Limit	Analyte	Result CFU/g	Limit
Salmonella spp.	ND	ND per 1 gram	E.Coli	ND	
Aspergillus spp. (fumigatus, flavus, niger, terreus)	ND				

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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Authorized Signature
 Aaron Stancik, PhD Chief Scientific Officer
 Fri, 06 Apr 2018 09:51:40 -0700

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PES - Pesticides Screening Analysis

Analyzed Apr 05, 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	0.05	0.08	ND	0.05	Carbofuran	0.05	0.08	ND	0.05
Dimethoate	0.05	0.08	ND	0.05	Etofenprox	0.05	0.08	ND	0.05
Fenoxycarb	0.05	0.08	ND	0.05	Thiachloprid	0.05	0.08	ND	0.05
Daminozide	0.05	0.08	ND	0.05	Dichlorvos	0.05	0.08	ND	0.05
Imazalil	0.05	0.08	ND	0.05	Methiocarb	0.05	0.08	ND	0.05
Spiroxamine	0.05	0.08	ND	0.05	Coumaphos	0.05	0.08	ND	0.05
Fipronil	0.05	0.08	ND	0.05	Paclobutrazol	0.05	0.08	ND	0.05
Chlorpyrifos	0.05	0.08	ND	0.05	Ethoprophos (Prophos)	0.05	0.08	ND	0.05
Baygon (Propoxur)	0.05	0.08	ND	0.05	Chlordane	0.03	0.08	NT	0.03
Chlorfenapyr	0.03	0.08	NT	0.03	Methyl Parathion	0.03	0.08	NT	0.03
Mevinphos	0.05	0.08	NT	0.05	Abamectin	0.05	0.08	NT	0.1
Acephate	0.05	0.08	NT	0.1	Acetamiprid	0.05	0.08	NT	0.1
Azoxystrobin	0.05	0.08	NT	0.1	Bifenazate	0.05	0.08	NT	0.1
Bifenthrin	0.05	0.08	NT	3	Boscalid	0.05	0.08	NT	0.1
Carbaryl	0.05	0.08	NT	0.5	Chlorantraniliprole	0.05	0.08	NT	10
Clofentezine	0.05	0.08	NT	0.1	Diazinon	0.05	0.08	NT	0.1
Dimethomorph	0.05	0.08	NT	2	Etoazole	0.05	0.08	NT	0.1
Fenpyroximate	0.05	0.08	NT	0.1	Fonicamid	0.05	0.08	NT	0.1
Fludioxonil	0.05	0.08	NT	0.1	Hexythiazox	0.05	0.08	NT	0.1
Imidacloprid	0.05	0.08	NT	5	Kresoxim-methyl	0.05	0.08	NT	0.1
Malathion	0.05	0.08	NT	0.5	Metalaxyl	0.05	0.08	NT	2
Methomyl	0.05	0.08	NT	1	Myclobutanil	0.05	0.08	NT	0.1
Naled	0.05	0.08	NT	0.1	Oxamyl	0.05	0.08	NT	0.5
Permethrin	0.05	0.08	NT	0.5	Phosmet	0.05	0.08	NT	0.1
Piperonyl Butoxide	0.05	0.08	NT	3	Propiconazole	0.05	0.08	NT	0.1
Prallethrin	0.05	0.08	NT	0.1	Pyrethrin	0.05	0.08	NT	0.5
Pyridaben	0.05	0.08	NT	0.1	Spinosad A	0.05	0.08	NT	0.1
Spinosad D	0.05	0.08	NT	0.1	Spiromesifen	0.05	0.08	NT	0.1
Spirotetramat	0.05	0.08	NT	0.1	Tebuconazole	0.05	0.08	NT	0.1
Thiamethoxam	0.05	0.08	NT	5	Trifloxystrobin	0.05	0.08	NT	0.1
Acequinocyl	0.05	0.08	NT	0.1	Captan	0.08	0.1	NT	0.7
Cypermethrin	0.03	0.08	NT	1	Cyfluthrin	0.03	0.08	NT	2
Fenhexamid	0.05	0.08	NT	0.1	Spinetoram J,L	0.05	0.08	NT	0.1
Pentachloronitrobenzene	0.03	0.08	ND	0.1					

ND Not Detected
 N/A Not Applicable
 NT Not Reported
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 <LOQ Detected
 >ULOL Above upper limit of linearity
 CFU/g Colony Forming Units per 1 gram
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RES - Residual Solvents Testing Analysis

Analyzed Apr 02, 2018 | 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)	7.18	23.93	46.0	5000	Butane (But)	8.82	29.39	171.7	5000
Methanol (Metha)	10.34	34.47	ND	3000	Ethylene Oxide (EthOx)	0.05	0.4	ND	1
Pentane (Pen)	6.2	20.66	ND	5000	Ethanol (Ethan)	7.81	26.04	ND	5000
Ethyl Ether (EthEt)	15.73	52.45	ND	5000	Acetone (Acet)	10.82	36.07	9.9	5000
Isopropanol (2-Pro)	11.69	38.98	ND	5000	Acetonitrile (Acetonit)	10.29	34.3	ND	410
Methylene Chloride (MetCh)	0.02	0.4	ND	1	Hexane (Hex)	10.2	34.0	7.4	290
Ethyl Acetate (EthAc)	10.98	36.61	ND	5000	Chloroform (Clo)	0.08	0.27	ND	1
Benzene (Ben)	0.13	0.44	ND	1	1-2-Dichloroethane (12-Dich)	0.07	0.4	ND	1
Heptane (Hep)	11.18	37.26	0.2	5000	Trichloroethylene (TriClEth)	0.25	0.82	ND	1
Toluene (Toluene)	11.58	38.59	ND	890	M,P-Xylene (mp-xyl)	65.28	217.6	NT	2170
O-Xylene (o-xyl)	13.86	46.21	NT	2170	O,M,P-Xylene (omp-xyl)	5.0	10.0	ND	

*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.

TER - Terpenes Testing Analysis

Analyzed Apr 03, 2018 | Instrument GC/FID by Liquid Injection | Method SOP-002

Analyte	(%)	(mg/g)	Analyte	(%)	(mg/g)
α -Pinene (α -Pin)	0.45	4.54	Camphene (Cam)	0.05	0.55
Myrcene (Myr)	1.41	14.14	b-Pinene (b-Pin)	ND	ND
3-Carene (3-Car)	0.01	0.11	α -Terpinene (α -Ter)	0.01	0.10
α -Ocimene (α -Oci)	0.00	0.03	Limonene (Lim)	0.31	3.10
p-Cymene (p-Cym)	ND	ND	b-Ocimene (b-Oci)	0.06	0.64
Eucalyptol (Euc)	0.00	0.03	g-Terpinene (g-Ter)	0.01	0.08
Terpenolene (Terp)	0.06	0.60	Linalool (Lin)	0.06	0.64
Isopulegol (Isop)	0.01	0.06	Geraniol (Gera)	ND	ND
b-Caryophyllene (b-Cary)	0.51	5.08	α -Humulene (Hum)	0.23	2.28
cis-Nerolidol (ci-Ner)	0.09	0.88	trans-Nerolidol (tr-Ner)	0.33	3.26
Guaiol (Gua)	0.03	0.34	Caryophyllene Oxide (CarOx)	0.00	0.01
α -bisabolol (α -Bbis)	0.01	0.07			
			Total Terpene Concentration	3.65 %	36.54 mg/g

ND Not Detected
 N/A Not Applicable
 NT Not Reported
 LOD Limit of Detection
 LOQ Limit of Quantification
 <LOQ Detected
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