Sample ID: 1901CSALA0400.1560 Strain: Koi Lavender Lotion 200 mg Matrix: Other

Type: Other

Sample Size: 1 units; Batch: 0 units

Produced: N/A Collected: 01/21/2019 Received: 01/21/2019 Completed: 02/15/2019 Batch#: 9021Lot200

Client Koi CBD Lic.# 14631 Best Ave Norwalk, CA 90650



Summary		Pass
195.00 mg/unit	Pass	Pass
Total Cannabinoids	Pesticides	Residual Solvents
Pass	Pass	Pass
Microbials	Mycotoxins	Heavy Metals

C	-:			<u></u>	mplet
Cannai	binoids			CC	illbiet
Testing metho	od: HPLC-SOP 10	1			
Analyte	LOD	LOQ	Mass	Mass	
	mg/unit	mg/unit	mg/unit	mg/g	
THCa	0.02800	0.0849	ND	ND	
Δ9-THC	0.05288	0.1600	ND	ND	
Δ8-ΤΗС	0.05263	0.1600	ND	ND	
THCV	0.04900	0.1488	ND	ND	
CBDa	0.02538	0.0770	ND	ND	
CBD	0.04663	0.1248	195.00	1.56	
CBDV	0.00200	0.0063	ND	ND	
CBN	0.02025	0.0614	ND	ND	
CBGa	0.02450	0.0743	ND	ND	
CBG	0.04663	0.1413	ND	ND	
CBC	0.01788	0.0543	ND	ND	
Total			195.00	1.56	
	ND		195.0	0 mg/u	nit

Total CBD

Terpenes				Complete
Testing method: HSGCMS	S-SOP 201			
Analyte	LOD	LOQ	Mass	Mass
	0/	0/	0/	/

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Linalool	0.00015	0.0013	0.20	1.97	
Eucalyptol	0.00017	0.0013	0.03	0.32	
Ocimene	0.00013	0.0013	0.01	0.06	I
β-Myrcene	0.00012	0.0013	0.00	0.04	
Isopulegol	0.00011	0.0013	0.00	0.03	
δ-Limonene	0.00016	0.0013	0.00	0.02	
α-Bisabolol	0.00015	0.0013	ND	ND	
α-Humulene	0.00057	0.0013	ND	ND	
α-Pinene	0.00015	0.0013	ND	ND	
α-Terpinene	0.00012	0.0013	ND	ND	
β-Caryophyllene	0.00173	0.0013	ND	ND	
β-Pinene	0.00034	0.0013	ND	ND	
Camphene	0.00072	0.0013	ND	ND	
Caryophyllene Oxide	0.00017	0.0013	ND	ND	
cis-Nerolidol	0.00009	0.0013	ND	ND	
δ-3-Carene	0.00040	0.0013	ND	ND	
y-Terpinene	0.00012	0.0013	ND	ND	
Geraniol	0.00013	0.0013	ND	ND	
Guaiol	0.00018	0.0013	ND	ND	
p-Cymene	0.00010	0.0013	ND	ND	
Terpinolene	0.00016	0.0013	ND	ND	
trans-Nerolidol	0.00058	0.0013	ND	ND	
Total			0.24	2.43	

Total THC

Date Tested: 01/25/2019
Total THC = THCa * 0.877 + d9-THC
Total CBD = CBDa * 0.877 + CBD
LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected. The reported result is based on a sample weight with the applicable moisture content for that

NT Moisture

NT Water Activity

Pass Foreign Matter







ISO / IEC 17025:2017 ACCREDITED LABORATORY Accreditation No. 73653



Mallory Speakman Laboratory Director - LA 02/15/2019







Sample ID: 1901CSALA0400.1560 Strain: Koi Lavender Lotion 200 mg Matrix: Other

Type: Other

Sample Size: 1 units; Batch: 0 units

Produced: N/A Collected: 01/21/2019 Received: 01/21/2019 Completed: 02/15/2019

Batch#: 9021Lot200

Client Koi CBD Lic.#

14631 Best Ave Norwalk, CA 90650

Pesticides **Pass**

Test Method: LCMS & GCMS-SOP 301

Analyte	LOD	LOQ	Limit	Mass	Status	Analyte	LOD	LOQ	Limit	Mass	Status
	μg/g	µg/g	µg/g	μg/g			µg/g	µg/g	µg/g	μg/g	
Abamectin	0.0048	0.1	0.3000	ND	Pass	Fludioxonil	0.0005	0.1	30.0000	ND	Pass
Acephate	0.0090	0.1	5.0000	ND	Pass	Hexythiazox	0.0070	0.1	2.0000	ND	Pass
Acequinocyl	0.0050	0.1	4.0000	ND	Pass	Imazalil	0.1000	0.1	0.1000	ND	Pass
Acetamiprid	0.0040	0.1	5.0000	ND	Pass	Imidacloprid	0.0009	0.1	3.0000	ND	Pass
Aldicarb	0.1000	0.1	0.1000	ND	Pass	Kresoxim Methyl	0.0027	0.1	1.0000	ND	Pass
Azoxystrobin	0.0060	0.1	40.0000	ND	Pass	Malathion	0.0006	0.1	5.0000	ND	Pass
Bifenazate	0.0040	0.1	5.0000	ND	Pass	Metalaxyl	0.0008	0.1	15.0000	ND	Pass
Bifenthrin	0.0004	0.1	0.5000	ND	Pass	Methiocarb	0.1000	0.1	0.1000	ND	Pass
Boscalid	0.0007	0.1	10.0000	ND	Pass	Methomyl	0.0008	0.1	0.1000	ND	Pass
Captan	0.0007	0.1	5.0000	ND	Pass	Methyl Parathion	0.1000	0.1	0.1000	ND	Pass
Carbaryl	0.0006	0.1	0.5000	ND	Pass	Mevinphos	0.1000	0.1	0.1000	ND	Pass
Carbofuran	0.1000	0.1	0.1000	ND	Pass	Myclobutanil	0.0036	0.1	9.0000	ND	Pass
Chlorantraniliprole	0.0005	0.1	40.0000	ND	Pass	Naled	0.0036	0.1	0.5000	ND	Pass
Chlordane	0.1000	0.1	0.1000	ND	Pass	Oxamyl	0.0030	0.1	0.2000	ND	Pass
Chlorfenapyr	0.1000	0.1	0.1000	ND	Pass	Paclobutrazol	0.1000	0.1	0.1000	ND	Pass
Chlorpyrifos	0.1000	0.1	0.1000	ND	Pass	Pentachloronitrobenzene	0.0002	0.1	0.2000	ND	Pass
Clofentezine	0.0006	0.1	0.5000	ND	Pass	Permethrin	0.0006	0.1	20.0000	ND	Pass
Coumaphos	0.1000	0.1	0.1000	ND	Pass	Phosmet	0.0070	0.1	0.2000	ND	Pass
Cyfluthrin	0.0008	0.1	1.0000	ND	Pass	Piperonyl Butoxide	0.0013	0.1	8.0000	ND	Pass
Cypermethrin	0.0130	0.1	1.0000	ND	Pass	Prallethrin	0.0070	0.1	0.4000	ND	Pass
Daminozide	0.1000	0.1	0.1000	ND	Pass	Propiconazole	0.0004	0.1	20.0000	ND	Pass
DDVP	0.1000	0.1	0.1000	ND	Pass	Propoxur	0.1000	0.1	0.1000	ND	Pass
Diazinon	0.0006	0.1	0.2000	ND	Pass	Pyrethrins	0.0030	0.1	1.0000	ND	Pass
Dimethoate	0.1000	0.1	0.1000	ND	Pass	Pyridaben	0.0005	0.1	3.0000	ND	Pass
Dimethomorph	0.0007	0.1	20.0000	ND	Pass	Spinetoram	0.0005	0.1	3.0000	ND	Pass
Ethoprophos	0.1000	0.1	0.1000	ND	Pass	Spinosad	0.0050	0.1	3.0000	ND	Pass
Etofenprox	0.1000	0.1	0.1000	ND	Pass	Spiromesifen	0.0008	0.1	12.0000	ND	Pass
Etoxazole	0.0098	0.1	1.5000	ND	Pass	Spirotetramat	0.0090	0.1	13.0000	ND	Pass
Fenhexamid	0.0009	0.1	10.0000	ND	Pass	Spiroxamine	0.1000	0.1	0.1000	ND	Pass
Fenoxycarb	0.1000	0.1	0.1000	ND	Pass	Tebuconazole	0.0024	0.1	2.0000	ND	Pass
Fenpyroximate	0.0008	0.1	2.0000	ND	Pass	Thiacloprid	0.1000	0.1	0.1000	ND	Pass
Fipronil	0.1000	0.1	0.1000	ND	Pass	Thiamethoxam	0.0040	0.1	4.5000	ND	Pass
Flonicamid	0.0008	0.1	2.0000	ND	Pass	Trifloxystrobin	0.0007	0.1	30.0000	ND	Pass

Date Tested: 01/24/2019

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.







ISO / IEC 17025:2017 ACCREDITED LABORATORY Accreditation No. 73653

Mallory Speakman Laboratory Director - LA 02/15/2019





Sample ID: 1901CSALA0400.1560 Strain: Koi Lavender Lotion 200 mg Matrix: Other

Type: Other

Sample Size: 1 units; Batch: 0 units

Produced: N/A Collected: 01/21/2019 Received: 01/21/2019 Completed: 02/15/2019 Batch#: 9021Lot200

Client Koi CBD Lic.#

14631 Best Ave Norwalk, CA 90650

Residual Solvents Testing method: HSGCMS-SOP 202					Pass
Analyte	LOD	LOQ	Limit	Mass	Status
	µg/g	µg/g	μg/g	μg/g	
1,2-Dichloro-Ethane	0.3	3	1	ND	Pass
Acetone	1.4	14	5000	ND	Pass
Acetonitrile	0.3	2	410	ND	Pass
Benzene	0.1	1	1	ND	Pass
Butane	2.5	25	5000	ND	Pass
Chloroform	0.4	4	1	ND	Pass
Ethanol	1.4	14	5000	325.62	Pass
Ethyl-Acetate	1.4	14	5000	ND	Pass
Ethyl-Ether	1.4	14	5000	ND	Pass
Ethylene Oxide	0.3	3	1	ND	Pass
Heptane	1.4	14	5000	ND	Pass
Isopropanol	1.4	14	5000	ND	Pass
Methanol	1.8	18	3000	<loq< td=""><td>Pass</td></loq<>	Pass
Methylene-Chloride	0.4	4	1	ND	Pass
n-Hexane	1.7	17	290	ND	Pass
Pentane	1.4	14	5000	ND	Pass
Propane	1.0	10	5000	ND	Pass
Toluene	5.3	53	890	ND	Pass
Trichloroethene	0.5	5	1	ND	Pass
Xylenes	13.0	130	2170	ND	Pass

Date Tested: 01/25/2019

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.







ISO / IEC 17025:2017 ACCREDITED LABORATORY Accreditation No. 73653 Jeann_

Mallory Speakman Laboratory Director - LA 02/15/2019





Sample ID: 1901CSALA0400.1560 Strain: Koi Lavender Lotion 200 mg Matrix: Other Type: Other

Sample Size: 1 units; Batch: 0 units

Produced: N/A Collected: 01/21/2019 Received: 01/21/2019 Completed: 02/15/2019 Batch#: 9021Lot200

Client Koi CBD Lic.#

14631 Best Ave Norwalk, CA 90650

Microbials Test method: PCR-SOP 401		Pass
Analyte	Result	Status
Aspergillus flavus	Not Detected	Pass
Aspergillus fumigatus	Not Detected	Pass
Aspergillus niger	Not Detected	Pass
Aspergillus terreus	Not Detected	Pass
Shiga toxin-producing E. Coli	Not Detected	Pass
Salmonella	Not Detected	Pass

Date Tested: 01/23/2019

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.

Mycotoxins Test method: LCMS-	SOP 301				Pass
Analyte	LOD	LOQ	Limit	Units	Status
	μg/kg	µg/kg	µg/kg	μg/kg	
B1	5.000	5.000		ND	Tested
B2	5.000	5.000		ND	Tested
G1	5.000	5.000		ND	Tested
G2	5.000	5.000		ND	Tested
Total Aflatoxins	5.000	5.000	20	ND	Pass
Ochratoxin A	5.000	5.000	20	ND	Pass

Date Tested: 01/24/2019 LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.;

Heavy Metals Testing method: ICPMS-SOP 501					Pass
Analyte	LOD	LOQ	Limit	Units	Status
	μg/g	µg/g	μg/g	μg/g	
Arsenic	0.001	0.01	1.5	ND	Pass
Cadmium	0.001	0.01	0.5	0.039	Pass
Lead	0.001	0.01	0.5	0.046	Pass
Mercury	0.001	0.01	3.0	<loq< th=""><th>Pass</th></loq<>	Pass

Date Tested: 01/25/2019

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.







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Mallory Speakman Laboratory Director - LA 02/15/2019



