

Koi Lavender Lotion 200 mg

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

Cannabinoids

Complete

Testing method: HPLC-SOP 101

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-THC	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
Total THC

195.00 mg/unit
Total CBD

Terpenes

Complete

Testing method: HSGCMS-SOP 201

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
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
γ-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

NT
Moisture
SOP-103

NT
Water Activity
SOP-102

Pass
Foreign Matter
SOP-001

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 sample;



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

Mallory Speakman
Laboratory Director - LA
02/15/2019

Anya Engen
Quality Manager
02/15/2019





Koi Lavender Lotion 200 mg

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

Test Method: LCMS & GCMS-SOP 301

Pass

Table with 12 columns: Analyte, LOD, LOQ, Limit, Mass, Status, Analyte, LOD, LOQ, Limit, Mass, Status. Lists various pesticides and their detection results.

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

Signature of Mallory Speakman

Mallory Speakman
Laboratory Director - LA
02/15/2019

Signature of Anya Engen

Anya Engen
Quality Manager
02/15/2019





Koi Lavender Lotion 200 mg

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

Analyte	LOD µg/g	LOQ µg/g	Limit µg/g	Mass µg/g	Status
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	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

Mallory Speakman
Laboratory Director - LA
02/15/2019

Anya Engen
Quality Manager
02/15/2019





Koi Lavender Lotion 200 mg

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

Analyte

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

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

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	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

Mallery Speakman
Laboratory Director - LA
02/15/2019

Anya Engen
Quality Manager
02/15/2019

