

KOI Healing Balm 500mg

Sample ID: 1902CSALA0704.2613
Strain: Koi Healing Balm 500mg
Matrix: Other
Type: Other
Sample Size: 1 units; Batch: 0 units

Produced: N/A
Collected: 02/04/2019
Received: 02/04/2019
Completed: 02/06/2019
Batch#: 9032KHB500

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



Summary

Pass

514.35 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	0.01008	0.0450	ND	ND
Δ9-THC	0.01904	0.0450	ND	ND
Δ8-THC	0.01895	0.0450	ND	ND
THCV	0.01764	0.0450	ND	ND
CBDa	0.00914	0.0450	ND	ND
CBD	0.01679	0.0450	514.35	11.43
CBDV	0.00450	0.0450	ND	ND
CBN	0.00729	0.0450	ND	ND
CBGa	0.00882	0.0450	ND	ND
CBG	0.01679	0.0450	ND	ND
CBC	0.00644	0.0450	ND	ND
Total			514.35	11.43

ND
Total THC

514.35 mg/unit
Total CBD

Terpenes

Complete

Testing method: HSGCMS-SOP 201

Analyte	LOD	LOQ	Mass	Mass
	%	%	%	mg/g
Eucalyptol	0.00017	0.0013	0.61	6.13
Linalool	0.00015	0.0013	0.11	1.09
δ-Limonene	0.00016	0.0013	0.09	0.87
α-Pinene	0.00015	0.0013	0.09	0.86
β-Pinene	0.00034	0.0013	0.04	0.44
β-Myrcene	0.00012	0.0013	0.03	0.27
β-Caryophyllene	0.00017	0.0013	0.02	0.23
Camphene	0.00072	0.0013	0.02	0.20
δ-3-Carene	0.00040	0.0013	0.02	0.16
Ocimene	0.00013	0.0013	0.01	0.09
α-Terpinene	0.00012	0.0013	0.00	0.05
Terpinolene	0.00016	0.0013	0.00	0.03
Geraniol	0.00013	0.0013	0.00	0.02
α-Bisabolol	0.00015	0.0013	ND	ND
α-Humulene	0.00057	0.0013	ND	ND
Caryophyllene Oxide	0.00017	0.0013	ND	ND
cis-Nerolidol	0.00009	0.0013	ND	ND
γ-Terpinene	0.00012	0.0013	ND	ND
Guaiol	0.00018	0.0013	NR	NR
Isopulegol	0.00011	0.0013	<LOQ	<LOQ
p-Cymene	0.00010	0.0013	ND	ND
trans-Nerolidol	0.00058	0.0013	<LOQ	<LOQ
Total			1.04	10.42

NT
Moisture
SOP-103

NT
Water Activity
SOP-102

Pass
Foreign Matter
SOP-001

Date Tested: 02/06/2019

Total THC = THCa * 0.877 + d9-THC

Total CBD = CBDa * 0.877 + CBD

LOQ = Limit of Quantitation; LOD = Limit of Detection; NR = Not Reported; 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
02/06/2019

Anya Engen
Quality Manager
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Pesticides

Test Method: LCMS & GCMS-SOP 301

Pass

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	0.0040	0.1	0.0040	ND	Pass
Acetamiprid	0.0040	0.1	5.0000	ND	Pass	Imidacloprid	0.0009	0.1	3.0000	ND	Pass
Aldicarb	0.0040	0.1	0.0040	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	0.0080	0.1	0.5000	ND	Pass	Methiocarb	0.0060	0.1	0.0060	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	0.0070	0.1	0.0070	ND	Pass
Carbaryl	0.0006	0.1	0.5000	ND	Pass	Mevinphos	0.0030	0.1	0.0030	ND	Pass
Carbofuran	0.0050	0.1	0.0050	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	0.0319	0.1	0.0319	ND	Pass	Oxamyl	0.0030	0.1	0.2000	ND	Pass
Chlorfenapyr	0.0100	0.1	0.0100	ND	Pass	Pacllobutrazol	0.0130	0.1	0.0130	ND	Pass
Chlorpyrifos	0.0050	0.1	0.0050	ND	Pass	Pentachloronitrobenzene	0.0020	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	0.0090	0.1	0.0090	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	0.0210	0.1	0.0210	ND	Pass	Propiconazole	0.0080	0.1	20.0000	ND	Pass
DDVP	0.0040	0.1	0.0040	ND	Pass	Propoxur	0.0040	0.1	0.0040	ND	Pass
Diazinon	0.0006	0.1	0.2000	ND	Pass	Pyrethrins	0.0030	0.1	1.0000	ND	Pass
Dimethoate	0.0030	0.1	0.0030	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	0.0040	0.1	0.0040	ND	Pass	Spinosad	0.0050	0.1	3.0000	ND	Pass
Etofenprox	0.0050	0.1	0.0050	ND	Pass	Spiromesifen	0.0008	0.1	12.0000	ND	Pass
Etoazole	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	0.0060	0.1	0.0060	ND	Pass
Fenoxycarb	0.0070	0.1	0.0070	ND	Pass	Tebuconazole	0.0024	0.1	2.0000	ND	Pass
Fenpyroximate	0.0008	0.1	2.0000	ND	Pass	Thiacloprid	0.0070	0.1	0.0070	ND	Pass
Fipronil	0.0170	0.1	0.0170	ND	Pass	Thiamethoxam	0.0040	0.1	4.5000	ND	Pass
Fonicamid	0.0008	0.1	2.0000	ND	Pass	Trifloxystrobin	0.0007	0.1	30.0000	ND	Pass

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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	ND	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	ND	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

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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

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Mycotoxins

Test method: LCMS-SOP 301

Analyte	LOD	LOQ	Limit	Units	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
B1	0.001	0.005		ND	Tested
B2	0.007	0.022		ND	Tested
G1	0.007	0.022		ND	Tested
G2	0.006	0.021		ND	Tested
Total Aflatoxins			20	ND	Pass
Ochratoxin A	0.013	0.045	20	ND	Pass

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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	0.018	Pass
Cadmium	0.001	0.01	0.5	ND	Pass
Lead	0.001	0.01	0.5	0.084	Pass
Mercury	0.001	0.01	3.0	ND	Pass

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