

Koi Healing Balm 500mg

Sample ID: 1903CSALA1538.5372
Strain: Koi Healing Balm 500mg
Matrix: Topical
Type: Salve
Sample Size: 1 units; Batch:

Produced: N/A
Collected: 03/06/2019
Received: 03/06/2019
Completed: 03/18/2019
Batch#: 9065KHU500

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



Summary

Pass

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

Cannabinoids

Testing method: HPLC-SOP 101

Analyte	LOQ		Mass		Complete
	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	492.30	10.94	<div style="width: 100%; height: 10px; background-color: green;"></div>
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			492.30	10.94	

ND
Total THC

492.30 mg/unit
Total CBD

1 Unit = 1 Container, 45g; 1 servings per container; 0.0 mg/unit THC per container

Terpenes

Testing method: HS-GC-FID - SOP 201

Analyte	LOD	LOQ	Mass	Mass	Not Tested
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Date Tested: 03/14/2019

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;

NT Moisture Moisture Analyzer SOP-103 Date Tested:	0.739 aw Water Activity Water Activity Meter SOP-102 Date Tested: 03/13/2019	Pass Foreign Matter Visual Inspection SOP-001 Date Tested: 03/09/2019
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ISO / IEC 17025:2017 ACCREDITED LABORATORY
Accreditation No. 73653



Mallory Speakman
Laboratory Director - LA
03/18/2019



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	0.018	0.059	0.3	ND	Pass	Fludioxonil	0.007	0.024	30	ND	Pass
Acephate	0.009	0.029	5	ND	Pass	Hexythiazox	0.007	0.024	2	ND	Pass
Acequinocyl	0.005	0.018	4	ND	Pass	Imazalil	0.004	0.012	0.004	ND	Pass
Acetamiprid	0.004	0.013	5	ND	Pass	Imidacloprid	0.039	0.129	3	ND	Pass
Aldicarb	0.004	0.013	0.004	ND	Pass	Kresoxim Methyl	0.005	0.017	1	ND	Pass
Azoxystrobin	0.006	0.019	40	ND	Pass	Malathion	0.01	0.032	5	ND	Pass
Bifenazate	0.004	0.014	5	ND	Pass	Metalaxyl	0.003	0.01	15	ND	Pass
Bifenthrin	0.008	0.027	0.5	ND	Pass	Methiocarb	0.006	0.02	0.006	ND	Pass
Boscalid	0.006	0.019	10	ND	Pass	Methomyl	0.009	0.03	0.1	ND	Pass
Captan	0.0789	0.2631	5	ND	Pass	Methyl Parathion	0.007	0.0233	0.007	ND	Pass
Carbaryl	0.005	0.015	0.5	ND	Pass	Mevinphos	0.003	0.011	0.003	ND	Pass
Carbofuran	0.005	0.018	0.005	ND	Pass	Myclobutanil	0.017	0.058	9	ND	Pass
Chlorantraniliprole	0.007	0.024	40	ND	Pass	Naled	0.007	0.024	0.5	ND	Pass
Chlordane	0.0291	0.0969	0.0291	ND	Pass	Oxamyl	0.003	0.009	0.2	ND	Pass
Chlorfenapyr	0.01	0.033	0.01	ND	Pass	Paclbutrazol	0.013	0.044	0.013	ND	Pass
Chlorpyrifos	0.005	0.017	0.005	ND	Pass	Pentachloronitrobenzene	0.0046	0.0152	0.2	ND	Pass
Clofentezine	0.006	0.019	0.5	ND	Pass	Permethrin	0.011	0.036	20	ND	Pass
Coumaphos	0.009	0.028	0.009	ND	Pass	Phosmet	0.007	0.025	0.2	ND	Pass
Cyfluthrin	0.008	0.026	1	ND	Pass	Piperonyl Butoxide	0.005	0.018	8	ND	Pass
Cypermethrin	0.013	0.044	1	ND	Pass	Prallethrin	0.007	0.024	0.4	ND	Pass
Daminozide	0.021	0.07	0.021	ND	Pass	Propiconazole	0.008	0.026	20	ND	Pass
DDVP	0.004	0.012	0.004	ND	Pass	Propoxur	0.004	0.013	0.004	ND	Pass
Diazinon	0.005	0.017	0.2	ND	Pass	Pyrethrins	0.003	0.01	1	ND	Pass
Dimethoate	0.003	0.011	0.003	ND	Pass	Pyridaben	0.008	0.027	3	ND	Pass
Dimethomorph	0.007	0.023	20	ND	Pass	Spinetoram	0.007	0.022	3	ND	Pass
Ethoprophos	0.004	0.013	0.004	ND	Pass	Spinosad	0.005	0.016	3	ND	Pass
Etofenprox	0.005	0.017	0.005	ND	Pass	Spiromesifen	0.007	0.023	12	ND	Pass
Etoazole	0.006	0.018	1.5	ND	Pass	Spirotetramat	0.009	0.03	13	ND	Pass
Fenhexamid	0.009	0.03	10	ND	Pass	Spiroxamine	0.006	0.019	0.006	ND	Pass
Fenoxycarb	0.007	0.022	0.007	ND	Pass	Tebuconazole	0.013	0.042	2	ND	Pass
Fenpyroximate	0.009	0.03	2	ND	Pass	Thiacloprid	0.007	0.023	0.007	ND	Pass
Fipronil	0.017	0.056	0.017	ND	Pass	Thiamethoxam	0.004	0.013	4.5	ND	Pass
Fonicamid	0.0244	0.0814	2	ND	Pass	Trifloxystrobin	0.004	0.014	30	ND	Pass

Date Tested: 03/12/2019

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


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Residual Solvents

Testing method: HSGCMS-SOP 202

Analyte	LOD	LOQ	Limit	Mass	Status
	µg/g	µg/g	µg/g	µg/g	
1,2-Dichloro-Ethane	0.024	0.24	1	ND	Pass
Acetone	0.112	1.12	5000	ND	Pass
Acetonitrile	0.0196	0.196	410	ND	Pass
Benzene	0.0096	0.096	1	ND	Pass
Butane	0.2	2	5000	ND	Pass
Chloroform	0.0288	0.288	1	ND	Pass
Ethanol	0.112	1.12	5000	ND	Pass
Ethyl-Acetate	0.112	1.12	5000	ND	Pass
Ethyl-Ether	0.112	1.12	5000	ND	Pass
Ethylene Oxide	0.024	0.24	1	ND	Pass
Heptane	0.112	1.12	5000	ND	Pass
Isopropanol	0.112	1.12	5000	ND	Pass
Methanol	0.144	1.44	3000	ND	Pass
Methylene-Chloride	0.0288	0.288	1	ND	Pass
n-Hexane	0.1392	1.392	290	ND	Pass
Pentane	0.112	1.12	5000	ND	Pass
Propane	0.08	0.8	5000	ND	Pass
Toluene	0.4272	4.272	890	ND	Pass
Trichloroethene	0.0384	0.384	1	ND	Pass
Xylenes	1.0416	10.416	2170	ND	Pass

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Microbials

Test method: PCR-SOP 401

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: 03/11/2019
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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

Date Tested: 03/12/2019
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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	0.013	Pass
Cadmium	0.001	0.01	0.5	0.021	Pass
Lead	0.001	0.01	0.5	0.082	Pass
Mercury	0.001	0.01	3	ND	Pass

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