

## Koi Naturals - CBD Balm 500 mg, 45mL, Topical

METRC Batch:  
METRC Sample:  
**Sample ID: 2504ENC4204\_3093**  
Strain: Koi Naturals - CBD Balm 500 mg, 45mL, Topical  
Matrix: Topical  
Type: Salve  
Batch#: 3726BB0427

Produced: 04/08/2025  
Collected: 04/11/2025  
Received: 04/11/2025  
Completed: 04/16/2025  
Sample Size: 1 units; Batch: 2,500 units

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



## Summary

Test	Date Tested	Instr. Method
Batch		
Cannabinoids	04/11/2025	LC-DAD
Pesticides	04/11/2025	LC-MS
Mycotoxins	04/11/2025	LC-MS
Residual Solvents	04/11/2025	HS-GC-MS
Microbial Impurities	04/15/2025	qPCR
Heavy Metals	04/14/2025	ICP-MS
Foreign Matter	04/11/2025	Visual Inspection

## Cannabinoids

Method: SOP CA\_M-CANNABINOIDS

<b>ND</b>	<b>534.71 mg/unit</b>	<b>537.25 mg/unit</b>
Total THC	Total CBD	Total Cannabinoids

Analytes	LOD	LOQ	Result	Result	Result
	mg/g	mg/g	%	mg/g	mg/unit
THCa	0.013	0.040	ND	ND	ND
Δ9-THC	0.015	0.045	ND	ND	ND
Δ8-THC	0.014	0.042	ND	ND	ND
THCVa	0.013	0.041	ND	ND	ND
THCV	0.014	0.042	ND	ND	ND
CBDa	0.015	0.044	ND	ND	ND
CBD	0.015	0.045	1.188	11.88	534.71
CBN	0.015	0.044	0.006	0.06	2.53
CBGa	0.015	0.045	ND	ND	ND
CBG	0.014	0.043	ND	ND	ND
CBCa	0.013	0.039	ND	ND	ND
CBC	0.015	0.044	ND	ND	ND
<b>Total THC</b>			<b>ND</b>	<b>ND</b>	<b>ND</b>
<b>Total CBD</b>			<b>1.188</b>	<b>11.88</b>	<b>534.71</b>
<b>Total Cannabinoids</b>			<b>1.194</b>	<b>11.94</b>	<b>537.25</b>
<b>Sum of Cannabinoids</b>			<b>1.194</b>	<b>11.94</b>	<b>537.25</b>

1 Unit = 45g;

Total THC = THCa \* 0.877 + Δ9-THC + Δ8-THC; Total CBD = CBDa \* 0.877 + CBD; Total Cannabinoids = (cannabinoid acid forms \* 0.877) + cannabinoids; Sum of Cannabinoids = cannabinoid acid forms + cannabinoids; 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. Foreign Material Method: SOP CA\_M-FOREIGN; Moisture and Water Activity Method: SOP CA\_M-WATER

\*Hemp Derived Sample



Kevin Nolan  
Laboratory Director | 04/16/2025



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### Pesticides

Method: SOP CA\_M-PESTMYCOLCMS

Analytes	LOD	LOQ	Result	Analytes	LOD	LOQ	Result
	µg/g	µg/g	µg/g		µg/g	µg/g	µg/g
Abamectin	0.019	0.056	ND	Fludioxonil	0.011	0.034	ND
Acephate	0.006	0.02	ND	Hexythiazox	0.008	0.025	ND
Acequinocyl	0.0089	0.0268	ND	Imazalil	0.021	0.064	ND
Acetamiprid	0.006	0.018	ND	Imidacloprid	0.009	0.026	ND
Aldicarb	0.031	0.095	ND	Kresoxim Methyl	0.015	0.044	ND
Azoxystrobin	0.006	0.017	ND	Malathion	0.008	0.023	ND
Bifenazate	0.01	0.03	ND	Metalaxyl	0.007	0.021	ND
Bifenthrin	0.049	0.15	ND	Methiocarb	0.015	0.044	ND
Boscalid	0.01	0.031	ND	Methomyl	0.017	0.051	ND
Captan	0.05	0.1516	ND	Parathion Methyl	0.0157	0.0477	ND
Carbaryl	0.022	0.065	ND	Mevinphos	0.024	0.072	ND
Carbofuran	0.017	0.051	ND	Myclobutanil	0.011	0.033	ND
Chlorantraniliprole	0.011	0.034	ND	Naled	0.026	0.078	ND
Chlordane	0.0099	0.03	ND	Oxamyl	0.014	0.044	ND
Chlorfenapyr	0.0316	0.0957	ND	Paclobutrazol	0.033	0.099	ND
Chlorpyrifos	0.024	0.073	ND	PCNB	0.0133	0.0403	ND
Clofentezine	0.011	0.034	ND	Permethrin	0.013	0.039	ND
Coumaphos	0.028	0.084	<LOQ	Phosmet	0.006	0.018	ND
Cyfluthrin	0.0243	0.0736	ND	Piperonyl Butoxide	0.008	0.025	0.060
Cypermethrin	0.0409	0.124	ND	Prallethrin	0.01	0.03	ND
Daminozide	0.023	0.069	ND	Propiconazole	0.009	0.028	ND
Diazinon	0.008	0.024	ND	Propoxur	0.02	0.061	ND
Dichlorvos	0.017	0.051	ND	Pyrethrins	0.02	0.059	ND
Dimethoate	0.02	0.059	ND	Pyridaben	0.01	0.03	ND
Dimethomorph	0.01	0.03	ND	Spinetoram	0.012	0.037	ND
Ethoprophos	0.016	0.048	ND	Spinosad	0.01	0.032	ND
Etofenprox	0.027	0.082	ND	Spiromesifen	0.011	0.033	ND
Etoxazole	0.006	0.017	ND	Spirotetramat	0.018	0.054	ND
Fenhexamid	0.013	0.04	ND	Spiroxamine	0.01	0.03	ND
Fenoxycarb	0.012	0.037	ND	Tebuconazole	0.014	0.042	ND
Fenpyroximate	0.003	0.01	<LOQ	Thiacloprid	0.01	0.031	ND
Fipronil	0.021	0.063	ND	Thiamethoxam	0.013	0.039	ND
Flonicamid	0.017	0.051	ND	Trifloxystrobin	0.004	0.011	ND

Date Tested: 04/11/2025

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*Kevin Nolan*

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Laboratory Director | 04/16/2025



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### Mycotoxins

Method: SOP CA\_M-PESTMYCOLCMS

Analytes	LOD	LOQ	Result
	µg/kg	µg/kg	µg/kg
Aflatoxin B1	1.60	4.84	ND
Aflatoxin B2	2.17	6.57	ND
Aflatoxin G1	1.35	4.09	ND
Aflatoxin G2	1.33	4.04	ND
Ochratoxin A	2.70	8.10	ND
Total Aflatoxins			ND

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### Residual Solvents

Method: SOP CA\_M-RES\_SOLVENTS

Analytes	LOD	LOQ	Result
	µg/g	µg/g	µg/g
Acetone	3.37	10.20	ND
Acetonitrile	1.80	5.45	ND
Benzene	0.11	0.33	ND
Butane	2.31	7.01	ND
Chloroform	0.21	0.65	ND
Ethanol	2.82	8.54	ND
Ethyl acetate	2.10	6.36	ND
Ethyl ether	1.93	5.86	ND
Ethylene Oxide	0.31	0.94	ND
Heptane	2.18	6.61	ND
Hexane	2.22	6.74	ND
Isopropyl alcohol	2.19	6.64	16.50
Methanol	2.28	6.90	<LOQ
Methylene chloride	0.10	0.31	ND
1,2-Dichloroethane	0.10	0.30	ND
Pentane	2.39	7.25	ND
Propane	2.33	7.05	ND
Toluene	0.59	1.79	ND
Total xylenes (ortho-, meta-, para-)	13.51	40.94	ND
Trichloroethylene	0.18	0.54	ND

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### Microbial Impurities

Method: SOP CA\_M-MICROBIALS

Analytes	Result
Shiga toxin-producing Escherichia coli	Not Detected in 1g
Salmonella spp	Not Detected in 1g

Date Tested: 04/15/2025



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### Heavy Metals

Method: SOP CA\_M-HEAVYMETALS

Analytes	LOD	LOQ	Result
	µg/g	µg/g	µg/g
Arsenic	0.033	0.099	ND
Cadmium	0.028	0.085	ND
Lead	0.049	0.147	ND
Mercury	0.015	0.045	ND

Date Tested: 04/14/2025

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*Kevin Nolan*

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Laboratory Director | 04/16/2025

