

# Koi Naturals Spearmint 500

Sample ID: 2108CSALA6727.7004

Matrix: Concentrates & Extracts

Type: Other

Sample Size: 1 units

Batch Size:

Batch#: 2065BB0823

Produced: N/A

Collected: 08/20/2021

Received: 08/20/2021

Completed: 08/23/2021

Client

Koi CBD

Lic. #

14631 Best Ave

Norwalk, CA 90650



## Summary

Pass

<b>577.8211 mg/package</b> Total Cannabinoids	<b>Pass</b> Pesticides	<b>Pass</b> Residual Solvents
<b>Pass</b> Microbials	<b>Pass</b> Mycotoxins	<b>Pass</b> Heavy Metals

## Cannabinoids

Pass

Testing method: HPLC-SOP 101

Analyte	LOD	LOQ	Results	Results
	mg/g	mg/g	mg/package	mg/ml
CBD	0.0152	0.0217	505.3838	17.2614
CBT *	0.0183	0.0848	23.4417	0.8007
CBC	0.0185	0.0217	21.9147	0.7485
CBN	0.0213	0.0217	16.8268	0.5747
CBG	0.02	0.0217	6.4157	0.2191
CBDV	0.0178	0.0217	3.8385	0.1311
CBCA *	0.0194	0.0217	ND	ND
CBDa	0.0115	0.0217	ND	ND
CBDVA *	0.0207	0.0217	ND	ND
CBGa	0.0163	0.0217	ND	ND
THCa	0.0161	0.0217	ND	ND
THCV	0.0211	0.0217	ND	ND
THCVA *	0.0211	0.0217	ND	ND
Δ8-THC	0.0191	0.0217	ND	ND
Δ9-THC	0.018	0.0217	ND	ND

ND

Total THC

505.3838 mg/package

Total CBD

1 serving = 1 Dropper, 0.033 fluid\_ounces; Density = 0.948 g/ml; 30.0 servings per package; 0.0 mg/package Total THC; 505.3838 mg/package Total CBD;

Date Tested: 08/21/2021

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.

\* Denotes analytes pending ISO-17025 scope addition

## Terpenes

Complete

Testing method: HS-GC-FID - SOP 201

Analyte	LOD	LOQ	Results	Results
	%	%	%	mg/g
δ-Limonene	0.0051	0.0154	0.13	1.35
Isopulegol	0.009	0.0274	<LOQ	<LOQ
Guaiol	0.0107	0.0324	<LOQ	<LOQ
α-Bisabolol	0.0094	0.0286	<LOQ	<LOQ
β-Myrcene	0.0077	0.0233	<LOQ	<LOQ
α-Pinene	0.0056	0.017	<LOQ	<LOQ
β-Pinene	0.0047	0.0142	<LOQ	<LOQ
β-Caryophyllene	0.0055	0.0168	ND	ND
Eucalyptol	0.0056	0.017	ND	ND
Camphene	0.0052	0.0158	ND	ND
Caryophyllene Oxide	0.028	0.0848	ND	ND
Geraniol	0.0066	0.0199	ND	ND
Linalool	0.0073	0.0221	ND	ND
Ocimene	0.0035	0.0121	ND	ND
p-Cymene	0.0052	0.0157	ND	ND
Terpinolene	0.0054	0.0163	ND	ND
trans-Nerolidol	0.007	0.0213	ND	ND
α-Humulene	0.0055	0.0168	ND	ND
α-Terpinene	0.0053	0.016	ND	ND
γ-Terpinene	0.0054	0.0163	ND	ND
δ-3-Carene	0.0051	0.0155	ND	ND
<b>Total</b>			<b>0.13</b>	<b>1.35</b>

Date Tested: 08/20/2021

<b>NT</b> Moisture Moisture Analyzer SOP-103	<b>NT</b> Water Activity Water Activity Meter SOP-102	<b>Pass</b> Foreign Matter Visual Inspection SOP-600 Date Tested: 08/20/2021
--	---	---



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

*Neyabchian*

Neyabchian  
Laboratory Director  
08/23/2021

*Brandon Hill*

Brandon Hill  
COA Review  
08/23/2021

## Koi Naturals Spearmint 500

Sample ID: 2108CSALA6727.7004

Matrix: Concentrates &amp; Extracts

Type: Other

Sample Size: 1 units

Batch Size:

Batch#: 2065BB0823

Produced: N/A

Collected: 08/20/2021

Received: 08/20/2021

Completed: 08/23/2021

Client

Koi CBD

Lic. #

14631 Best Ave

Norwalk, CA 90650

### Pesticides

Testing method: LCMS &amp; GCMS-SOP 301 and 302

Pass

Analyte	LOD	LOQ	Limit	Results	Status	Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.0668	0.0864	0.1	ND	Pass	Fludioxonil	0.0491	0.0766	0.1	ND	Pass
Acephate	0.0344	0.0766	0.1	ND	Pass	Hexythiazox	0.0398	0.0766	0.1	ND	Pass
Acequinocyl	0.0324	0.0766	0.1	ND	Pass	Imazalil *	0.0467	0.0766	0.0467	ND	Pass
Acetamiprid	0.0334	0.0766	0.1	ND	Pass	Imidacloprid	0.0329	0.0766	5	ND	Pass
Aldicarb *	0.0319	0.0766	0.0319	ND	Pass	Kresoxim Methyl	0.0324	0.0766	0.1	ND	Pass
Azoxystrobin	0.0329	0.0766	0.1	ND	Pass	Malathion	0.0486	0.0766	0.5	ND	Pass
Bifenazate	0.0678	0.0766	0.1	ND	Pass	Metalaxyl	0.0349	0.0766	2	ND	Pass
Bifenthrin	0.0653	0.0766	3	ND	Pass	Methiocarb *	0.0496	0.0766	0.0496	ND	Pass
Boscalid	0.0447	0.0766	0.1	ND	Pass	Methomyl	0.0388	0.0766	1	ND	Pass
Captan	0.3143	0.6139	0.7	ND	Pass	Methyl Parathion *	0.0393	0.0786	0.0393	ND	Pass
Carbaryl	0.0393	0.0766	0.5	ND	Pass	Mevinphos *	0.0334	0.0766	0.0334	ND	Pass
Carbofuran *	0.0334	0.0766	0.0334	ND	Pass	Myclobutanil	0.0604	0.0766	0.1	ND	Pass
Chlorantraniliprole	0.0324	0.0766	10	ND	Pass	Naled	0.0506	0.0766	0.1	ND	Pass
Chlordane *	0.0246	0.0786	0.0246	ND	Pass	Oxamyl	0.0319	0.0766	0.5	ND	Pass
Chlorfenapyr *	0.0196	0.0786	0.0196	ND	Pass	Paclobutrazol *	0.0609	0.0766	0.0609	ND	Pass
Chlorpyrifos *	0.0324	0.0766	0.0324	ND	Pass	Pentachloronitrobenzene	0.0344	0.0786	0.1	ND	Pass
Clofentezine	0.0457	0.0766	0.1	ND	Pass	Permethrin	0.0491	0.0766	0.5	ND	Pass
Coumaphos *	0.0403	0.0766	0.0403	ND	Pass	Phosmet	0.0329	0.0766	0.1	ND	Pass
Cyfluthrin	0.1454	0.1537	2	ND	Pass	Piperonyl Butoxide	0.0383	0.0766	3	ND	Pass
Cypermethrin	0.0776	0.1537	1	ND	Pass	Prallethrin	0.0398	0.0766	0.1	ND	Pass
Daminozide *	0.0427	0.0766	0.0427	ND	Pass	Propiconazole	0.0398	0.0766	0.1	ND	Pass
DDVP *	0.0368	0.0766	0.0368	ND	Pass	Propoxur *	0.0408	0.0766	0.0408	ND	Pass
Diazinon	0.03	0.0766	0.1	ND	Pass	Pyrethrins	0.1852	0.2171	0.5	ND	Pass
Dimethoate *	0.027	0.0766	0.027	ND	Pass	Pyridaben	0.028	0.0575	0.1	ND	Pass
Dimethomorph	0.0324	0.0766	2	ND	Pass	Spinetoram	0.0413	0.0766	0.1	ND	Pass
Ethoprophos *	0.029	0.0766	0.029	ND	Pass	Spinosad	0.0378	0.0766	0.1	ND	Pass
Etofenprox *	0.0373	0.0766	0.0373	ND	Pass	Spiromesifen	0.0373	0.0766	0.1	ND	Pass
Etoxazole	0.0334	0.0766	0.1	ND	Pass	Spirotetramat	0.03	0.0766	0.1	ND	Pass
Fenhexamid	0.0702	0.0766	0.1	ND	Pass	Spiroxamine *	0.0305	0.0766	0.0305	ND	Pass
Fenoxycarb *	0.0275	0.0766	0.0275	ND	Pass	Tebuconazole	0.0334	0.0766	0.1	ND	Pass
Fenpyroximate	0.025	0.0766	0.1	ND	Pass	Thiacloprid *	0.0324	0.0766	0.0324	ND	Pass
Fipronil *	0.056	0.0766	0.056	ND	Pass	Thiamethoxam	0.0383	0.0766	5	ND	Pass
Flonicamid	0.0422	0.0766	0.1	ND	Pass	Trifloxystrobin	0.0388	0.0766	0.1	ND	Pass

Date Tested: 08/20/2021

\* Denotes Category I pesticides, which fail when detected; LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.


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



 Neyajourabchian  
 Laboratory Director  
 08/23/2021



 Brandon Hill  
 COA Review  
 08/23/2021

## Koi Naturals Spearmint 500

Sample ID: 2108CSALA6727.7004

Matrix: Concentrates &amp; Extracts

Type: Other

Sample Size: 1 units

Batch Size:

Batch#: 2065BB0823

Produced: N/A

Collected: 08/20/2021

Received: 08/20/2021

Completed: 08/23/2021

Client

**Koi CBD**

Lic. #

14631 Best Ave

Norwalk, CA 90650

### Microbials

Pass

Testing 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
Salmonella	Not Detected	Pass
Shiga toxin-producing E. Coli	Not Detected	Pass

Date Tested: 08/23/2021

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

### Mycotoxins

Pass

Testing method: LCMS-SOP 301

Analyte	LOD	LOQ	Limit	Results	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
Aflatoxin B1	1.9646	3.9293		ND	Tested
Aflatoxin B2	2.947	3.9293		ND	Tested
Aflatoxin G1	2.4558	3.9293		ND	Tested
Aflatoxin G2	2.947	3.9293		ND	Tested
Total Aflatoxins	10.3143	15.7171	20	ND	Pass
Ochratoxin A	6.3851	15.2259	20	ND	Pass

Date Tested: 08/20/2021

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

### Heavy Metals

Pass

Testing method: ICPMS-SOP 502

Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.0049	0.0493	0.2	<LOQ	Pass
Cadmium	0.003	0.0493	0.2	<LOQ	Pass
Lead	0.0099	0.0493	0.5	<LOQ	Pass
Mercury	0.002	0.0493	0.1	<LOQ	Pass

Date Tested: 08/23/2021

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


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



 Neyajourabchian  
 Laboratory Director  
 08/23/2021



 Brandon Hill  
 COA Review  
 08/23/2021

## Koi Naturals Spearmint 500

Sample ID: 2108CSALA6727.7004

Matrix: Concentrates &amp; Extracts

Type: Other

Sample Size: 1 units

Batch Size:

Batch#: 2065BB0823

Produced: N/A

Collected: 08/20/2021

Received: 08/20/2021

Completed: 08/23/2021

Client

**Koi CBD**

Lic. #

14631 Best Ave

Norwalk, CA 90650

## Residual Solvents

Testing method: HSGCMS-SOP 202

Pass

Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g	
1,2-Dichloroethane	0.0782	0.9771	1	ND	Pass
Acetone	8.9896	48.8568	5000	ND	Pass
Acetonitrile	17.0803	57.0256	410	ND	Pass
Benzene	0.0782	0.9771	1	ND	Pass
Butane	34.5124	115.1065	5000	ND	Pass
Chloroform	0.1954	0.9771	1	ND	Pass
Ethanol	14.6179	48.8568	5000	<LOQ	Pass
Ethyl acetate	12.5073	48.8568	5000	ND	Pass
Ethylene Oxide	0.2736	0.9771	1	ND	Pass
Ethyl ether	15.6342	52.1399	5000	ND	Pass
Heptane	41.1569	137.2679	5000	ND	Pass
Isopropyl alcohol	19.3473	64.53	5000	ND	Pass
Methanol	145.5931	485.6361	3000	ND	Pass
Methylene chloride	0.1173	0.9771	1	ND	Pass
Hexane	33.2226	110.768	290	ND	Pass
Pentane	27.438	91.538	5000	ND	Pass
Propane	41.4696	138.3232	5000	ND	Pass
Toluene	23.4512	78.2099	890	ND	Pass
Trichloroethylene	0.0782	0.9771	1	ND	Pass
Total xylenes	64.0219	213.4845	2170	ND	Pass

Date Tested: 08/20/2021

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


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



 Neyajourabchian  
 Laboratory Director  
 08/23/2021



 Brandon Hill  
 COA Review  
 08/23/2021