

Pain Relieving Roll on Gel

Sample ID: 2109CSALA6924.7791

Matrix: Topical

Type: Other

Sample Size: 1 units

Batch Size: 1 units

Batch#: 2077BB0923

Produced: N/A

Collected: 09/08/2021

Received: 09/08/2021

Completed: 09/10/2021

Client

Koi CBD

Lic. #

14631 Best Ave

Norwalk, CA 90650



Summary

Pass

565.4162 mg/package Total Cannabinoids	Pass Pesticides	Pass Residual Solvents
Pass Microbials	Pass Mycotoxins	Pass Heavy Metals
NT Moisture Moisture Analyzer SOP-103	NT Water Activity Water Activity Meter SOP-102	Pass Foreign Matter Visual Inspection SOP-600 Date Tested: 09/08/2021

Cannabinoids

Pass

Testing method: HPLC-SOP 101

Analyte	LOD	LOQ	Results	Results
	mg/g	mg/g	mg/package	mg/ml
CBD	0.0165	0.0235	498.6578	5.6029
CBT *	0.0198	0.0917	27.6869	0.3111
CBN	0.023	0.0235	17.7883	0.1999
CBC	0.02	0.0235	16.0932	0.1808
CBDV	0.0193	0.0235	5.1900	0.0583
CBCA *	0.0209	0.0235	ND	ND
CBDa	0.0125	0.0235	ND	ND
CBDVA *	0.0223	0.0235	ND	ND
CBG	0.0216	0.0235	ND	ND
CBGa	0.0176	0.0235	ND	ND
THCa	0.0174	0.0235	ND	ND
THCV	0.0228	0.0235	ND	ND
THCVA *	0.0228	0.0235	ND	ND
Δ8-THC	0.0207	0.0235	ND	ND
Δ9-THC	0.0195	0.0235	ND	ND

ND
Total THC
498.6578 mg/package
Total CBD

Package = 1 Roll-On Stick, 89.0 milliliters; Density = 1.0 g/ml; 0.0 mg/package

Total THC; 498.6578 mg/package Total CBD;

Date Tested: 09/08/2021

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


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



 Neyajourbchian
 Laboratory Director
 09/10/2021



 Brandon Hill
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Pesticides

Testing method: LCMS & 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	0.0667	0.0863	0.3	ND	Pass	Fludioxonil	0.049	0.0765	30	ND	Pass
Acephate	0.0343	0.0765	5	ND	Pass	Hexythiazox	0.0397	0.0765	2	ND	Pass
Acequinocyl	0.0324	0.0765	4	ND	Pass	Imazalil *	0.0466	0.0765	0.0466	ND	Pass
Acetamiprid	0.0333	0.0765	5	ND	Pass	Imidacloprid	0.0328	0.0765	3	ND	Pass
Aldicarb *	0.0319	0.0765	0.0319	ND	Pass	Kresoxim Methyl	0.0324	0.0765	1	ND	Pass
Azoxystrobin	0.0328	0.0765	40	ND	Pass	Malathion	0.0485	0.0765	5	ND	Pass
Bifenazate	0.0676	0.0765	5	ND	Pass	Metalaxyl	0.0348	0.0765	15	ND	Pass
Bifenthrin	0.0652	0.0765	0.5	ND	Pass	Methiocarb *	0.0495	0.0765	0.0495	ND	Pass
Boscalid	0.0446	0.0765	10	ND	Pass	Methomyl	0.0387	0.0765	0.1	ND	Pass
Captan	0.3137	0.6127	5	ND	Pass	Methyl Parathion *	0.0392	0.0784	0.0392	ND	Pass
Carbaryl	0.0392	0.0765	0.5	ND	Pass	Mevinphos *	0.0333	0.0765	0.0333	ND	Pass
Carbofuran *	0.0333	0.0765	0.0333	ND	Pass	Myclobutanil	0.0603	0.0765	9	ND	Pass
Chlorantraniliprole	0.0324	0.0765	40	ND	Pass	Naled	0.0505	0.0765	0.5	ND	Pass
Chlordane *	0.0245	0.0784	0.0245	ND	Pass	Oxamyl	0.0319	0.0765	0.2	ND	Pass
Chlorfenapyr *	0.0196	0.0784	0.0196	ND	Pass	Paclobutrazol *	0.0608	0.0765	0.0608	ND	Pass
Chlorpyrifos *	0.0324	0.0765	0.0324	ND	Pass	Pentachloronitrobenzene	0.0343	0.0784	0.2	ND	Pass
Clofentezine	0.0456	0.0765	0.5	ND	Pass	Permethrin	0.049	0.0765	20	ND	Pass
Coumaphos *	0.0402	0.0765	0.0402	ND	Pass	Phosmet	0.0328	0.0765	0.2	ND	Pass
Cyfluthrin	0.1451	0.1534	1	ND	Pass	Piperonyl Butoxide	0.0382	0.0765	8	ND	Pass
Cypermethrin	0.0775	0.1534	1	ND	Pass	Prallethrin	0.0397	0.0765	0.4	ND	Pass
Daminozide *	0.0426	0.0765	0.0426	ND	Pass	Propiconazole	0.0397	0.0765	20	ND	Pass
DDVP *	0.0368	0.0765	0.0368	ND	Pass	Propoxur *	0.0407	0.0765	0.0407	ND	Pass
Diazinon	0.0299	0.0765	0.2	ND	Pass	Pyrethrins	0.1848	0.2167	1	ND	Pass
Dimethoate *	0.027	0.0765	0.027	ND	Pass	Pyridaben	0.0279	0.0574	3	ND	Pass
Dimethomorph	0.0324	0.0765	20	ND	Pass	Spinetoram	0.0412	0.0765	3	ND	Pass
Ethoprophos *	0.0289	0.0765	0.0289	ND	Pass	Spinosad	0.0377	0.0765	3	ND	Pass
Etofenprox *	0.0373	0.0765	0.0373	ND	Pass	Spiromesifen	0.0373	0.0765	12	ND	Pass
Etoxazole	0.0333	0.0765	1.5	ND	Pass	Spirotetramat	0.0299	0.0765	13	ND	Pass
Fenhexamid	0.0701	0.0765	10	ND	Pass	Spiroxamine *	0.0304	0.0765	0.0304	ND	Pass
Fenoxycarb *	0.0275	0.0765	0.0275	ND	Pass	Tebuconazole	0.0333	0.0765	2	ND	Pass
Fenpyroximate	0.025	0.0765	2	ND	Pass	Thiacloprid *	0.0324	0.0765	0.0324	ND	Pass
Fipronil *	0.0559	0.0765	0.0559	ND	Pass	Thiamethoxam	0.0382	0.0765	4.5	ND	Pass
Flonicamid	0.0422	0.0765	2	ND	Pass	Trifloxystrobin	0.0387	0.0765	30	ND	Pass

Date Tested: 09/08/2021

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


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Microbials

Testing method: PCR-SOP 401

Pass

Analyte	Result	Status
Salmonella	Not Detected	Pass
Shiga toxin-producing E. Coli	Not Detected	Pass

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Mycotoxins

Testing method: LCMS-SOP 301

Pass

Analyte	LOD	LOQ	Limit	Results	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
Aflatoxin B1	1.9608	3.9216		ND	Tested
Aflatoxin B2	2.9412	3.9216		ND	Tested
Aflatoxin G1	2.451	3.9216		ND	Tested
Aflatoxin G2	2.9412	3.9216		ND	Tested
Total Aflatoxins	10.2941	15.6863	20	ND	Pass
Ochratoxin A	6.3725	15.1961	20	ND	Pass

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Heavy Metals

Testing method: ICPMS-SOP 502

Pass

Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.005	0.0497	1.5	<LOQ	Pass
Cadmium	0.003	0.0497	0.5	<LOQ	Pass
Lead	0.0099	0.0497	0.5	<LOQ	Pass
Mercury	0.002	0.0497	3	<LOQ	Pass

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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	0.0752	0.9406	1	ND	Pass
Acetone	8.6531	47.0278	5000	ND	Pass
Acetonitrile	16.4409	54.8909	410	ND	Pass
Benzene	0.0752	0.9406	1	ND	Pass
Butane	33.2205	110.7976	5000	ND	Pass
Chloroform	0.1881	0.9406	1	ND	Pass
Ethanol	14.0707	47.0278		127394.0	Tested
Ethyl acetate	12.0391	47.0278	5000	ND	Pass
Ethylene Oxide	0.2634	0.9406	1	ND	Pass
Ethyl ether	15.0489	50.1881	5000	ND	Pass
Heptane	39.6163	132.1294	5000	ND	Pass
Isopropyl alcohol	18.623	62.1144		ND	Tested
Methanol	140.143	467.4567	3000	ND	Pass
Methylene chloride	0.1129	0.9406	1	ND	Pass
Hexane	31.9789	106.6215	290	ND	Pass
Pentane	26.4108	88.1114	5000	ND	Pass
Propane	39.9172	133.1452	5000	ND	Pass
Toluene	22.5734	75.2822	890	ND	Pass
Trichloroethylene	0.0752	0.9406	1	ND	Pass
Total xylenes	61.6253	205.4929	2170	ND	Pass

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