

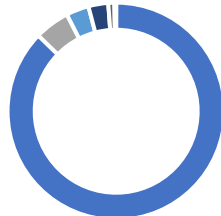
CLIP Labs  
 5945 Pacific Center Blvd #504  
 San Diego, CA 92121  
 (858)-381-3483

# CLIP LABS

Nanocraft CBD  
 1366 Hornblend St  
 San Diego, CA 92109  
 858-232-3228

Sample ID: 2010CLIP0058.I.000117

Product Name: Pure Blend      Date Sampled: NA      Matrix: Ingestible  
 Batch#: PF1020      Date Received: 10/23/2020      Sample Type: Tincture  
 Batch Size: NA      Sample Weight: 28.95 g      Container Size: 30 mL



■ CBD ■ CBG ■ CBN  
 ■ CBC ■ CBDV ■ CBDa

Safety Results	
Heavy Metals - Complete	Microbials - Complete
Mycotoxins - Complete	Water Activity - Not Required
Pesticides - Complete	Solvents - Complete
Foreign Matter Inspection - Complete	

<LOQ mg/bottle  
 Total THC

743 mg/bottle  
 Total CBD

851 mg/bottle  
 Total Cannabinoids

Cannabinoids      Date Analyzed: 10/26/2020

Analyte	CAS#	LOD (%)	LOQ (%)	Result (%)	Result (mg/mL)	Result (mg/bottle)
THCa	23978-85-0	0.0004	0.004	ND	ND	ND
d9-THC	1972-08-3	0.0005	0.004	<LOQ	<LOQ	<LOQ
d8-THC	5957-75-5	0.0006	0.004	ND	ND	ND
THCV	28172-17-0	0.0003	0.004	ND	ND	ND
CBDa	13956-29-1	0.0001	0.004	0.00762	0.0736	2.21
CBD	1244-58-2	0.0002	0.004	2.57	24.8	743
CBDV	20675-51-8	0.0001	0.004	0.0267	0.258	7.73
CBC	24274-48-4	0.0003	0.004	0.0868	0.838	25.1
CBGa	25654-31-3	0.0001	0.004	<LOQ	<LOQ	<LOQ
CBG	25555-57-1	0.0002	0.004	0.153	1.48	44.4
CBN	521-35-7	0.0001	0.004	0.0993	0.958	28.8
Total THC	-	-	-	<LOQ	<LOQ	<LOQ
Total CBD	-	-	-	2.57	24.8	743
Total Cannabinoid Content	-	-	-	2.94	28.4	851

Density = 0.965 g/mL

Cannabinoids tested on a Shimadzu LC-2030C Plus following SOP AL-03. Total Cannabinoid Content = sum of quantified cannabinoids.

LOD = Limit of Detection; LOQ = Limit of Quantification; ND = Not Detected; Values <LOD reported as ND.

Total THC = THCa \* 0.877 + d9-THC; Total CBD = CBDa \* 0.877 + CBD.



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10/28/2020



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Nanocraft CBD  
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Sample ID: 2010CLIP0058.I.000117

Terpenes					Date Analyzed: 10/26/2020
Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/mL)	Result (mg/bottle)
alpha-Bisabolol	0.002	0.008	0.00948	0.0915	2.75
alpha-Humulene	0.002	0.008	ND	ND	ND
alpha-Pinene	0.002	0.008	<LOQ	<LOQ	<LOQ
alpha-Terpinene	0.002	0.008	ND	ND	ND
beta-Caryophyllene	0.002	0.008	ND	ND	ND
beta-Myrcene	0.002	0.008	<LOQ	<LOQ	<LOQ
beta-Pinene	0.002	0.008	0.00883	0.0852	2.56
Camphene	0.002	0.008	<LOQ	<LOQ	<LOQ
Caryophyllene Oxide	0.002	0.008	ND	ND	ND
delta-3-Carene	0.002	0.008	ND	ND	ND
delta-Limonene	0.002	0.008	0.0916	0.884	26.5
Eucalyptol	0.002	0.008	ND	ND	ND
gamma-Terpinene	0.002	0.008	<LOQ	<LOQ	<LOQ
Geraniol	0.002	0.008	ND	ND	ND
Guaiol	0.002	0.008	ND	ND	ND
Isopulegol	0.002	0.008	ND	ND	ND
Linalool	0.002	0.008	ND	ND	ND
Ocimene	0.002	0.008	0.00957	0.0923	2.77
Terpinolene	0.002	0.008	ND	ND	ND
trans-Nerolidol	0.002	0.008	ND	ND	ND
Total Terpene Content	-	-	0.119	1.15	34.6

Terpenes tested on a Shimadzu GCMS-QP2010 SE following SOP AL-04. Terpene Content = sum of quantified terpenes.

LOD = Limit of Detection; LOQ = Limit of Quantification; ND = Not Detected; Values <LOD reported as ND.

Heavy Metals					Date Analyzed: 10/27/2020
Analyte	LOD (µg/g)	LOQ (µg/g)	Action Level (µg/g)	Result (µg/g)	
Arsenic	0.030	0.103	0.2	ND	
Cadmium	0.032	0.113	0.5	ND	
Lead	0.024	0.082	0.2	<LOQ	
Mercury	0.034	0.117	0.1	ND	

Heavy metals tested on a Shimadzu ICPMS-2030LF following SOP AL-06.

LOD = Limit of Detection; LOQ = Limit of Quantification; ND = Not Detected; Values <LOD reported as ND.



*C Orser*  
 Cindy Orser, PhD, Chief of Science  
 10/28/2020



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Sample ID: 2010CLIP0058.I.000117

Mycotoxins			Date Analyzed: 10/26/2020	
Analyte	LOD (µg/kg)	LOQ (µg/kg)	(µg/kg)	Result (µg/kg)
Aflatoxin B1	1.3	4.5	-	ND
Aflatoxin B2	2.2	7.7	-	ND
Aflatoxin G1	2	7	-	ND
Aflatoxin G2	1.6	5.8	-	ND
<i>Total Aflatoxins</i>	-	-	20	ND
Ochratoxin A	5.4	19.3	20	ND

*Mycotoxins tested on a Shimadzu LCMS-8060 following SOP AL-07. Total Aflatoxins = sum of Aflatoxin B1, B2, G1, G2.*

*LOD = Limit of Detection; LOQ = Limit of Quantification; ND = Not Detected; Values <LOD reported as ND.*

Pesticides (Category I Residual Pesticides)				Date Analyzed: 10/26/2020	
Analyte	CAS No.	LOD (µg/g)	LOQ (µg/g)	Action Level (µg/g)	Result (µg/g)
Aldicarb	116-06-3	0.0231	0.0818	0.0231	ND
Carbofuran	1563-66-2	0.0113	0.04	0.0113	ND
Chlordane	57-74-9	0.025	0.0885	0.025	ND
Chlorfenapyr	122453-73-0	0.0245	0.0867	0.0245	ND
Chlorpyrifos	2921-88-2	0.0157	0.0555	0.0157	ND
Coumaphos	56-72-4	0.0138	0.0488	0.0138	ND
Daminozide	1596-84-5	0.0099	0.035	0.0099	ND
Dichlorvos	62-73-7	0.0214	0.0758	0.0214	ND
Dimethoate	60-51-5	0.0157	0.0555	0.0157	ND
Ethoprophos	13194-48-4	0.0219	0.0775	0.0219	ND
Etofenprox	80844-07-1	0.0137	0.0485	0.0137	ND
Fenoxycarb	72490-01-8	0.0115	0.0408	0.0115	ND
Fipronil	120068-37-3	0.0184	0.0653	0.0184	ND
Imazalil	35554-44-0	0.0196	0.0694	0.0196	ND
Methiocarb	2032-65-7	0.0096	0.0339	0.0096	ND
Methyl parathior	298-00-0	0.0264	0.0936	0.0264	ND
Mevinphos	7786-34-7	0.0171	0.0605	0.0171	ND
Paclobutrazol	76738-62-0	0.0228	0.0809	0.0228	ND
Propoxur	114-26-1	0.0061	0.0215	0.0061	ND
Spiroxamine	118134-30-8	0.0086	0.0304	0.0086	ND
Thiacloprid	111988-49-9	0.0111	0.0392	0.0111	ND

*Pesticides tested on a Shimadzu LCMS-8060 or a Shimadzu GCMS-TQ8050 NX following SOP AL-07.*

*LOD = Limit of Detection; LOQ = Limit of Quantification; ND = Not Detected; Values <LOD reported as ND.*



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Sample ID: 2010CLIP0058.I.000117

Pesticides (Category II Residual Pesticides)				Date Analyzed: 10/26/2020	
Analyte	CAS No.	LOD (µg/g)	LOQ (µg/g)	Action Level (µg/g)	Result (µg/g)
Abamectin	71751-41-2	0.0128	0.1	0.3	ND
Acephate	30560-19-1	0.0247	0.1	5	ND
Acequinocyl	57960-19-7	0.0134	0.1	4	ND
Acetamiprid	135410-20-7	0.014	0.1	5	ND
Azoxystrobin	131860-33-8	0.0138	0.1	40	ND
Bifenazate	149877-41-8	0.0172	0.1	5	ND
Bifenthrin	82657-04-3	0.0224	0.1	0.5	ND
Boscalid	188425-85-6	0.0232	0.1	10	ND
Captan	133-06-2	0.0265	0.1	5	ND
Carbaryl	63-25-2	0.0167	0.1	0.5	ND
Chlorantranilipr	500008-45-7	0.0259	0.1	40	ND
Clofentezine	74115-24-5	0.0189	0.1	0.5	ND
Cyfluthrin	68359-37-5	0.0237	0.1	1	ND
Cypermethrin	52315-07-8	0.0282	0.1	1	ND
Diazinon	333-41-5	0.0084	0.1	0.2	ND
Dimethomorph	110488-70-5	0.017	0.1	20	ND
Etoxazole	153233-91-1	0.0123	0.1	1.5	ND
Fenhexamid	126833-17-8	0.0221	0.1	10	ND
Fenpyroximate	111812-58-9	0.0096	0.1	2	ND
Flonicamid	158062-67-0	0.0251	0.1	2	ND
Fludioxonil	464674-86-1	0.0208	0.1	30	ND
Hexythiazox	78587-05-0	0.0087	0.1	2	ND
Imidacloprid	138261-41-3	0.0256	0.1	3	ND
Kresoxim-methy	143390-89-0	0.0153	0.1	1	ND
Malathion	121-75-5	0.0144	0.1	5	ND
Metalaxyl	57837-19-1	0.0233	0.1	15	ND
Methomyl	16752-77-5	0.0249	0.1	0.1	ND
Myclobutanil	88671-89-0	0.0153	0.1	9	ND
Naled	300-76-5	0.0248	0.1	0.5	ND
Oxamyl	23135-22-0	0.0255	0.1	0.2	ND
Pentachloro-nitrobenzene	82-68-8	0.0279	0.1	0.2	ND
Permethrin	52645-53-1	0.0053	0.1	20	ND

Pesticide results continued on next page



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Pesticides (Category II Residual Pesticides, continued)				Date Analyzed: 10/26/2020	
Analyte	CAS No.	LOD (µg/g)	LOQ (µg/g)	Action Level (µg/g)	Result (µg/g)
Phosmet	732-11-6	0.0217	0.1	0.2	ND
Piperonyl Butoxi	51-03-6	0.0061	0.1	8	ND
Prallethrin	23031-36-9	0.0078	0.1	0.4	ND
Propiconazole	60207-90-1	0.0103	0.1	20	ND
Pyrethrins	8003-34-7	0.011	0.1	1	ND
Pyridaben	96489-71-3	0.0098	0.1	3	ND
Spinetoram	187166-15-0, 187166-40-1	0.0106	0.1	3	ND
Spinosad	131929-60-7, 131929-63-0	0.0104	0.1	3	ND
Spiromesifen	283594-90-1	0.0076	0.1	12	ND
Spirotetramat	203313-25-1	0.0278	0.1	13	ND
Tebuconazole	107534-96-3	0.0216	0.1	2	ND
Thiamethoxam	153719-23-4	0.0214	0.1	4.5	ND
Trifloxystrobin	141517-21-7	0.0101	0.1	30	ND

*Pesticides tested on a Shimadzu LCMS-8060 or a Shimadzu GCMS-TQ8050 NX following SOP AL-07.*

*LOD = Limit of Detection; LOQ = Limit of Quantification; ND = Not Detected; Values <LOD reported as ND.*

Microbials		Date Analyzed: 10/28/2020
Analyte	Action Level	Result
Aspergillus flavus	Any Detetion	ND
Aspergillus fumigatus	Any Detetion	ND
Aspergillus niger	Any Detetion	ND
Aspergillus terreus	Any Detetion	ND
Shiga toxin-producing E. coli	Any Detetion	ND
Salmonella	Any Detetion	ND

*Microbials tested on a Agilent Aria MX G8830A Real Time PCR System following SOP M-06. ND = Not Detected.*

Foreign Matter		Date Analyzed: 10/26/2020
Analyte	Action Level (%)	Result
Overall Foreign Matter		Complete
FM Sand, Soil, Cinders, or Dirt	>25% of Sample Area	ND
FM Mold	>25% of Sample Area	ND
FM Insect Fragments, Hair, Mammalian Excreta	>1 Fragment per 3 grams	ND
FM Imbedded Foreign Material	>25% of Sample Area	ND

*Foreign matter inspected using a VWR Stereo Basic Halogen Microscope following SOP L-05. ND = Not Detected.*



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Residual Solvents				Date Analyzed: 10/26/2020	
Analyte	CAS No.	LOD (µg/g)	LOQ (µg/g)	Action Level (µg/g)	Result (µg/g)
<b>Category I Residual Solvents</b>					
1,2-Dichloroethane	107-06-2	0.08	0.24	1	ND
Benzene	71-43-2	0.08	0.28	1	ND
Chloroform	67-66-3	0.16	0.52	1	ND
Ethylene oxide	75-21-8	0.16	0.6	1	ND
Methylene chlor	75-09-2	0.08	0.24	1	ND
Trichloroethene	79-01-6	0.2	0.68	1	ND
<b>Category II Residual Solvents</b>					
Acetone	67-64-1	14.32	47.72	5000	ND
Acetonitrile	75-05-8	13.88	46.36	410	ND
Butane	106-97-8	46.96	156.56	5000	ND
Ethanol	64-17-5	17.28	57.68	5000	ND
Ethyl acetate	141-78-6	16.88	56.36	5000	ND
Ethyl ether	60-29-7	17.96	59.96	5000	ND
Heptane	142-82-5	15.84	52.76	5000	ND
Hexane	110-54-3	19.04	63.48	290	ND
Isopropyl alcoh	67-63-0	15.28	50.92	5000	ND
Methanol	67-56-1	18.8	62.68	3000	ND
Pentane	109-66-0	26.44	88.2	5000	ND
Propane	74-98-6	99.2	330.88	5000	ND
Toluene	108-88-3	20.68	69	890	ND
Total Xylenes	1330-20-7	24.76	82.52	2170	ND

Residual solvents tested on a Shimadzu GCMS-QP2010 SE following SOP AL-05.

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