

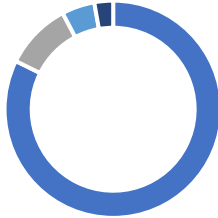
CLIP Labs  
 5945 Pacific Center Blvd #504  
 San Diego, CA 92121  
 (858)-381-3483

# CLIP LABS

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

Sample ID: 2010CLIP0050.I.000102

Product Name: Night CBD + CBN & Melatonin    Date Sampled: NA    Matrix: Ingestible  
 Batch#: NF1020    Date Received: 10/15/2020    Sample Type: Tincture  
 Batch Size: NA    Sample Weight: 28.95 g    Container Size: 30 mL



■ CBD ■ CBN ■ CBG ■ CBC

Safety Results	
Heavy Metals - Complete	Microbials - Complete
Mycotoxins - Complete	Water Activity - Complete
Pesticides - Complete	Solvents - Complete
Foreign Matter Inspection - Complete	

<LOQ mg/bottle  
 Total THC

711 mg/bottle  
 Total CBD

864 mg/bottle  
 Total Cannabinoids

Cannabinoids Date Analyzed: 10/19/2020

Analyte	CAS#	LOD (mg/mL)	LOQ (mg/mL)	Result (%)	Result (mg/mL)	Result (mg/bottle)
THCa	23978-85-0	0.004	0.0386	ND	ND	ND
d9-THC	1972-08-3	0.005	0.0386	<LOQ	<LOQ	<LOQ
d8-THC	5957-75-5	0.006	0.0386	ND	ND	ND
THCV	28172-17-0	0.003	0.0386	ND	ND	ND
CBDa	13956-29-1	0.001	0.0386	<LOQ	<LOQ	<LOQ
CBD	1244-58-2	0.002	0.0386	2.46	23.7	711
CBDV	20675-51-8	0.001	0.0386	<LOQ	<LOQ	<LOQ
CBC	24274-48-4	0.003	0.0386	0.083	0.80	24.1
CBGa	25654-31-3	0.001	0.0386	ND	ND	ND
CBG	25555-57-1	0.002	0.0386	0.146	1.41	42.3
CBN	521-35-7	0.001	0.0386	0.298	2.88	86.3
Total THC	-	-	-	<LOQ	<LOQ	<LOQ
Total CBD	-	-	-	2.46	23.7	711
Total Cannabinoid Content	-	-	-	2.98	28.8	864

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.



Accreditation # 102502



Cindy Orser, PhD, Chief of Science

10/22/2020



All quality control samples performed within specifications previously established by the laboratory. Results relate only to sample tested. Sample tested as received. Action Limits based on California Bureau of Cannabis Control.

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



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

Sample ID: 2010CLIP0050.I.000102

Terpenes			Date Analyzed: 10/19/2020	
Analyte	LOD (mg/g)	LOQ (mg/g)	Result (mg/g)	Result (%)
alpha-Bisabolol	0.020	0.080	<LOQ	<LOQ
alpha-Humulene	0.020	0.080	ND	ND
alpha-Pinene	0.020	0.080	ND	ND
alpha-Terpinene	0.020	0.080	ND	ND
beta-Caryophyllene	0.020	0.080	<LOQ	<LOQ
beta-Myrcene	0.020	0.080	ND	ND
beta-Pinene	0.020	0.080	ND	ND
Camphene	0.020	0.080	ND	ND
Caryophyllene Oxide	0.020	0.080	ND	ND
delta-3-Carene	0.020	0.080	ND	ND
delta-Limonene	0.020	0.080	ND	ND
Eucalyptol	0.020	0.080	ND	ND
gamma-Terpinene	0.020	0.080	ND	ND
Geraniol	0.020	0.080	ND	ND
Guaiol	0.020	0.080	ND	ND
Isopulegol	0.020	0.080	ND	ND
Linalool	0.020	0.080	0.631	0.0631
Ocimene	0.020	0.080	0.146	0.0146
Terpinolene	0.020	0.080	ND	ND
trans-Nerolidol	0.020	0.080	ND	ND
Total Terpene Content	-	-	0.777	0.0777

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: 10/19/2020	
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	ND
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.



Accreditation # 102502



Cindy Orser, PhD, Chief of Science

10/22/2020



All quality control samples performed within specifications previously established by the laboratory. Results relate only to sample tested. Sample tested as received. Action Limits based on California Bureau of Cannabis Control.

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: 2010CLIP0050.I.000102

Mycotoxins			Date Analyzed: 10/20/2020	
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: 10/20/2020	
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.*



*C Orser*

Cindy Orser, PhD, Chief of Science

10/22/2020



*All quality control samples performed within specifications previously established by the laboratory. Results relate only to sample tested. Sample tested as received. Action Limits based on California Bureau of Cannabis Control.*

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



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

Sample ID: 2010CLIP0050.I.000102

Pesticides (Category II Residual Pesticides)				Date Analyzed: 10/20/2020	
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



*C Orser*

Cindy Orser, PhD, Chief of Science

10/22/2020



All quality control samples performed within specifications previously established by the laboratory. Results relate only to sample tested. Sample tested as received. Action Limits based on California Bureau of Cannabis Control.

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



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

2010CLIP0050.I.000102

Pesticides (Category II Residual Pesticides, continued)				Date Analyzed: 10/20/2020	
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	<LOQ
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: 10/20/2020	
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.*

Water Activity		Date Analyzed: 10/20/2020	
Analyte		(aW)	Result (aW)
Water		0.85	0.5425

*Water activity tested using a Rotronic HC2-AW-USB Water Activity Probe following SOP AL-02.*



*C Orser*  
 Cindy Orser, PhD, Chief of Science  
 10/22/2020



*All quality control samples performed within specifications previously established by the laboratory. Results relate only to sample tested. Sample tested as received. Action Limits based on California Bureau of Cannabis Control.*

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

2010CLIP0050.I.000102

Residual Solvents				Date Analyzed: 10/19/2020	
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	14.3	47.7	5000	ND
Acetonitrile	75-05-8	13.9	46.4	410	ND
Butane	106-97-8	47.0	156.6	5000	ND
Ethanol	64-17-5	17.3	57.7	5000	ND
Ethyl acetate	141-78-6	16.9	56.4	5000	ND
Ethyl ether	60-29-7	18.0	60.0	5000	ND
Heptane	142-82-5	15.8	52.8	5000	ND
Hexane	110-54-3	19.0	63.5	290	ND
Isopropyl alcohc	67-63-0	15.3	50.9	5000	55.8
Methanol	67-56-1	18.8	62.7	3000	ND
Pentane	109-66-0	26.4	88.2	5000	ND
Propane	74-98-6	99.2	330.9	5000	ND
Toluene	108-88-3	20.7	69.0	890	ND
Total Xylenes	1330-20-7	24.8	82.5	2170	ND

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

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

Foreign Matter		Date Analyzed: 10/20/2020	
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.



*C Orser*  
 Cindy Orser, PhD, Chief of Science  
 10/22/2020



All quality control samples performed within specifications previously established by the laboratory. Results relate only to sample tested. Sample tested as received. Action Limits based on California Bureau of Cannabis Control.