



410 South Arthur Ave, Louisville, CO, 80027  
 720-726-5132  
[www.bluebirdbotanicals.com](http://www.bluebirdbotanicals.com)  
 05.096.02

**Specification Sheet: 10CO (Complete 10 CBDA + CBD Oil)**

10CO (Complete 10 CBDA + CBD Oil) is an oil meant for oral ingestion. It consists of hemp extract blended with fractionated coconut oil and steam distilled hemp terpenes.

<b>Application and Use</b>	Dietary Supplement	<b>Appearance</b>	Amber, oily liquid
<b>Composition</b>	3.5% - 6% hemp extract by weight 94% - 95.9% fractionated coconut oil by weight 0.6% hemp terpenes by weight	<b>Odor</b>	Grassy, earthy odor, with citrusy green high notes
<b>Organic Certification</b>	Extract: not certified Fractionated coconut oil: certified organic Terpenes: Not certified	<b>Consistency</b>	Viscous below 32 degrees Fahrenheit
<b>Organic Certification</b>	Not certified organic	<b>Density</b>	.945 mg/mL - .955 mg/ mL
<b>Storage and Shelf Life</b>	2 years (730 days) from the date of production in original packaging. Store cool dark and dry.	<b>Solubility</b>	Soluble in oils and ethanol
<b>Fill Level</b>	27.6g - 29.8g	<b>Inventory Part</b>	10CO-60
<b>Packaging</b>	60ml amber glass essence bottle, glass graduated dropper cap, tamper-evident shrink wrap and label.		

<b>Ingredient</b>	Organic Fractionated Coconut Oil (MCT)	<b>CAS #</b>	73398-61-5 / 65381-09-1
<b>Botanical Name</b>	<i>Cocos nucifera</i>	<b>Organic Certification</b>	Certified Organic
<b>Plant parts used in oil</b>	Nut	<b>Country of Origin</b>	Singapore

<b>Ingredient</b>	Organic Decarboxylated Hemp extract	<b>Item Code</b>	OGDECARB
<b>Botanical Name</b>	<i>Cannabis sativa</i>	<b>Organic Certification</b>	Not certified
<b>Plant parts used in oil</b>	Leaves, flowers	<b>Country of Origin</b>	USA

<b>Ingredient</b>	Non-Decarboxylated Hemp extract (RAW)	<b>Item Code</b>	NONDECARB
<b>Botanical Name</b>	<i>Cannabis sativa</i>	<b>Organic Certification</b>	Not certified
<b>Plant parts used in oil</b>	Leaves, flowers	<b>Country of Origin</b>	USA

<b>Ingredient</b>	Hemp terpenes	<b>CAS #</b>	8016-24-8
<b>Botanical Name</b>	<i>Cannabis sativa</i>	<b>Organic Certification</b>	Not certified
<b>Plant parts used in oil</b>	Herb	<b>Country of Origin</b>	Canada, France, Italy

<b>Potency - Method: HPLC-DAD</b>	
Total Cannabidiol	19.5 - 22 mg/mL
CBD:CBDA Ratio	Appx 1:1 (+/- 10%, Minimum: 45%, Maximum 55%)
Tetrahydrocannabinol (THC)	< 0.2%
Tetrahydrocannabinol (THC) per serving (mg)	≤ 0.58 mg/serving
Tetrahydrocannabinol (THC) per container (mg)	60 ml: ≤ 69.6 mg

<b>Heavy Metals - Method : ICP-MS or AOAC 2013.06</b>	
Arsenic	< 0.42 ppm
Cadmium	< 0.27 ppm
Mercury	< 0.4 ppm
Lead	< 0.5 ppm



410 South Arthur Ave, Louisville, CO, 80027

720-726-5132

[www.bluebirdbotanicals.com](http://www.bluebirdbotanicals.com)

05.096.02

<b>Mycotoxins - Method: GC-MS, LC-MS/MS or UHPLC-MS/MS</b>	
Total Aflatoxin (B1, B2, G1, and G2)	< 20 ppb
Aflatoxin B1	< 5 ppb
Total Ochratoxin	< 5 ppb

<b>Microbiological Contamination - Method: Petrifilm, RAPID, Plating</b>	
Total Aerobic Bacteria	< 10,000 CFU/g
Total E. coli / Coliforms	< 100 CFU/g
Total Yeast & Mold	< 1,000 CFU/g
Salmonella	Absent/25 g
E. coli (STEC)	Absent/25 g

<b>Solvents</b>			
Test Method: GC/MS, HPLC			
1-Butanol	< 5000 ppm	1-Pentanol	< 5000 ppm
1,2-Dichloroethane	< 1.0 ppm	1,2-Dimethoxyethane	100 ppm
1,4-Dioxane	< 380 ppm	2-Butanol	< 5000 ppm
2-Ethoxyethanol	< 160 ppm	2,2-Dimethylbutane (Neohexane)	< 290 ppm
2-Methylbutane (Isopentane)	< 5000 ppm	2,3-Dimethylbutane / 2-Methylpentane	< 290 ppm
2-Propanol (Isopropyl Alcohol)	< 500 ppm	3-Methylpentane	< 290 ppm
2,2-Dimethylpropane (neo-pentane)	< 200 ppm	Acetonitrile	< 410 ppm
Acetone	< 5000 ppm	Benzene	< 1.0 ppm
Total Butanes	< 500 ppm	Cyclohexane	< 500 ppm
Chloroform	< 1.0 ppm	Ethanol	< 1000 ppm
Dimethyl sulfoxide (DMSO)	< 5000 ppm	Ethylbenzene	< 2170 ppm
Ethyl acetate	< 1000 ppm	Ethylene oxide	1.0 ppm
Ethyl ether	< 5000 ppm	Total Hexanes	< 290 ppm
Ethylene glycol	< 620 ppm	Isopropyl acetate	< 5000 ppm
Isopropylbenzene (Cumene)	< 70 ppm	Methanol	< 500 ppm
Dichloromethane (Methylene Chloride)	< 10 ppm	2-Butanone (Methylethyl ketone)	< 5000 ppm
n-Heptane	< 500 ppm	2-Methylpropane (Isobutane)	< 5000 ppm
n-Pentane	< 1000 ppm	n-Butane	< 2000 ppm



410 South Arthur Ave, Louisville, CO, 80027

720-726-5132

[www.bluebirdbotanicals.com](http://www.bluebirdbotanicals.com)

05.096.02

N,N-Dimethylacetamide	< 1090 ppm	n-hexane	< 60 ppm
Total Pentanes	< 500 ppm	1-Propanol (n-Propanol)	< 5000 ppm
Tetrahydrofuran	< 720 ppm	N,N-Dimethylformamide	< 880 ppm
Total Xylenes	< 217 ppm	Propane	< 500 ppm
Total Heptanes	< 1000 ppm	Pyridine	< 100 ppm
1,2-Dimethylbenzene (o-Xylene)	< 2170 ppm	Toluene	< 180 ppm
1,1-Dichloroethene	< 8 ppm	Trichloroethylene	< 1.0 ppm
Sulfolane	< 160 ppm	1,3-Dimethylbenzene (m-Xylene) / 1,4-Dimethylbenzene (p-Xylene)	< 2170 ppm
1,2-Dichloroethene	< 5 ppm	Sulfolane	< 160 ppm
1,2-Dichloroethene	< 5 ppm		

Pesticides - Method: AOAC 2007.01, LCMS/MS	
Abamectin	< 0.25 ppm
Acephate	< 0.05 ppm
Acequinocyl	< 0.027 ppm
Acetamiprid	< 0.05 ppm
Aldicarb	< 0.09 ppm
Allethrin	< 0.092 ppm
Atrazine	< 0.5 ppm
Azadirachtin	< 0.5 ppm
Azoxystrobin	< 0.01 ppm
Benzovindiflupyr	< 0.01 ppm
Bifenazate	< 0.01 ppm
Bifenthrin	< 0.064 ppm
Boscalid	< 0.01 ppm
Buprofezin	< 0.019 ppm
Carbaryl	< 0.025 ppm
Chlorantraniliprole	< 0.018 ppm
Chlorfenapyr	< 1 ppm
Chlorpyrifos	< 0.1 ppm
Clofentezine	< 0.01 ppm
Clothianidin	< 0.025 ppm
Coumaphos	< 0.01 ppm
Cyantraniliprole	< 0.01 ppm
Cyfluthrin	< 0.159 ppm
λ-Cyhalothrin	< 0.206 ppm
Cypermethrin	< 0.153 ppm
Cyprodinil	< 0.01 ppm
Daminozide	< 0.077 ppm



410 South Arthur Ave, Louisville, CO, 80027

720-726-5132

[www.bluebirdbotanicals.com](http://www.bluebirdbotanicals.com)

05.096.02

Pesticides - Method: AOAC 2007.01, LCMS/MS	
Deltamethrin	< 0.180 ppm
Diazinon	< 0.017 ppm
Dichlorvos (DDVP)	< 0.038 ppm
Dimethoate	< 0.01 ppm
Dimethomorph	< 0.05 ppm
Dinotefuran	< 0.05 ppm
Diuron	< 0.04 ppm
Dodemorph	< 0.035 ppm
Endosulfan I (alpha)	< 2.5 ppm
Endosulfan II (beta)	< 2.5 ppm
Endosulfan sulfate	< 2.5 ppm
Ethoprophos	< 0.01 ppm
Etofenprox	< 0.042 ppm
Etoxazole	< 0.02 ppm
Etridiazole	< 0.005 ppm
Fenhexamid	< 0.008 ppm
Fenoxycarb	< 0.01 ppm
Fenpyroximate	< 0.02 ppm
Fensulfothion	< 0.01 ppm
Fenthion	< 0.01 ppm
Fenvalerate	< 0.099 ppm
Fipronil	< 0.01 ppm
Flonicamid	< 0.025 ppm
Fludioxonil	< 0.01 ppm
Fluopyram	< 0.01 ppm
Hexythiazox	< 0.01 ppm
Imazalil	< 0.01 ppm
Imidacloprid	< 0.01 ppm
Iprodione	< 0.50 ppm
Kinoprene	< 1.25 ppm
Kresoxim Methyl	< 0.15 ppm
Malathion	< 0.01 ppm
Metalaxyl	< 0.01 ppm
Methiocarb	< 0.01 ppm
Methomyl	< 0.025 ppm
Methoprene	< 0.521 ppm
Methyl Parathion (parathion-methyl)	< 0.05 ppm
Mevinphos	< 0.025 ppm
MGK-264	< 0.047 ppm
Myclobutanil	< 0.01 ppm
Naled	< 0.064 ppm
Novaluron	< 0.025 ppm
Oxamyl	< 0.2 ppm
Paclobutrazol	< 0.01 ppm
Pentachloronitrobenze (Quintozene)	< 0.012 ppm



410 South Arthur Ave, Louisville, CO, 80027

720-726-5132

[www.bluebirdbotanicals.com](http://www.bluebirdbotanicals.com)

05.096.02

Pesticides - Method: AOAC 2007.01, LCMS/MS	
Permethrin	< 0.168 ppm
Phenothrin	< 0.047 ppm
Phosmet	< 0.02 ppm
Piperonyl butoxide	< 1.25 ppm
Pirimicarb	< 0.01 ppm
Prallethrin	< 0.046 ppm
Propiconazole	< 0.08 ppm
Propoxur	< 0.008 ppm
Pyraclostrobin	< 0.01 ppm
Pyrethrins	< 0.049 ppm
Pyridaben	< 0.02 ppm
Resmethrin	< 0.05 ppm
Spinetoram	< 0.01 ppm
Spinosad	< 0.01 ppm
Spirodiclofen	< 0.093 ppm
Spiromesifen	< 0.05 ppm
Spirotetramat	< 0.01 ppm
Spiroxamine	< 0.062 ppm
Tebuconazole	< 0.01 ppm
Tebufenozide	< 0.01 ppm
Teflubenzuron	< 0.025 ppm
Tetrachlorvinphos	< 0.01 ppm
Tetramethrin	< 0.063 ppm
Thiabendazole	< 0.02 ppm
Thiacloprid	< 0.01 ppm
Thiamethoxam	< 0.01 ppm
Thiophanate-Methyl	< 0.04 ppm
Trifloxystrobin	< 0.01 ppm

Version #	Date Revised	Revised By	Revision
0	3/04/2022	Harrington Baker	Original, added to document registry
1	7/18/2022	Seth Bazata	Updated to match new lab and state analyte limits, added Inventory Part, changed listed name.
2	10/17/2022	Harrington Baker	Minor update to pesticide and solvents/pesticide analytes and limits, update all inventory parts to match fishbowl asnd contract manufacturer, added fill level specification and label part #