



410 South Arthur Ave, Louisville, CO, 80027

720-726-5132

www.bluebirdbotanicals.com

F03.19y.00

Specification Sheet: **CBN Boost**

Application and Use	Finished Product intended for consumption	Appearance	clear oily liquid
Composition	3 - 4% CBN Distillate 96 - 97% Fractionated Coconut Oil (MCT)	Odor	Odorless
Solubility	Soluble in oils and ethanol		
Organic Certification	Not certified organic		
Storage and Shelf Life	2 years from the date of production in original packaging. Store cool, dark and dry.		

Ingredient	CBN Distillate	Item Code	CBNDIST
Botanical Name	Hemp - <i>Cannabis sativa</i>	Plant parts used in oil	aerial

Ingredient	Fractionated Coconut Oil	Item Code	FCO
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Our Low THC Hemp Extract Product is manufactured by Bluebird Botanicals according to cGMP practices.

Batch: 644 CBNB	
Manufacturing Date: 08/12/2021	Batch Size: 18.94 Liters (17.6 Kg)
Total Quantity Produced (packaging plan based on estimates) : 10mL bottle: 1,890 Yield: 100%.	Supplier Lot Codes: Primary Ingredient: Lot 15 Carrier: 191022

Potency Method: HPLC	
Total Cannabinol (CBN)	≥ 1 mg/drop
Tetrahydrocannabinol (THC)	< 0.2%

Heavy Metals - Method : ICP-MS	
Arsenic	< 30 ppb
Cadmium	< 30 ppb
Mercury	< 10 ppb
Lead	< 30 ppb

Mycotoxins - Method: LCMS/MS	
Total Aflatoxin	< 5 ppb
Total Ochratoxin	< 5 ppb

Microbiological Contamination - Method: Petrifilm	
Total Aerobic Bacteria	< 1,000 CFU/g
Total E. coli / Coliforms	< 100 CFU/g
Total Yeast & Mold	< 1,000 CFU/g

Solvents - Method: GC/GCMS	
Acetone	< 100 ppm
Acetonitrile	< 0.96 ppm
Benzene	< 1.6 ppm
Butanes	< 13.32 ppm
Chloroform	< 53 ppm
Ethanol	< 100 ppm
Ethyl Acetate	< 6.4 ppm



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Ethyl Ether	< 8 ppm
Hexane	< 36.6 ppm
Isopropyl Alcohol	< 100 ppm
Methanol	< 87.9 ppm
Pentane	< 200 ppm
Toluene	< 38.4 ppm

Pesticides - Method: LCMS/MS	
Abamectin	< 30 ppb
Acephate	< 30 ppb
Acequinocyl	< 30 ppb
Acetamiprid	< 30 ppb
Aldicarb	< 30 ppb
Azoxystrobin	< 30 ppb
Bifenazate	< 30 ppb
Bifenthrin	< 30 ppb
Chlorfenapyr	< 30 ppb
Chlorpyrifos	< 30 ppb
Clofentezine	< 30 ppb
Coumaphos	< 30 ppb
Cyfluthrin	< 30 ppb
Cypermethrin	< 30 ppb
DDVP (Dichlorvos)	< 30 ppb
Daminozide	< 30 ppb
Dimethomorph	< 30 ppb
Diazinon	< 30 ppb
Dimethoate	< 30 ppb
Ethoprop(hos)	< 30 ppb
Etofenprox	< 30 ppb
Etoxazole	< 30 ppb
Fenhexamid	< 30 ppb
Fenoxycarb	< 30 ppb
Fipronil	< 30 ppb
Imazalil	< 30 ppb
Imidacloprid	< 30 ppb
Kresoxim Methyl	< 30 ppb
Malathion A	< 30 ppb
Metaxyl	< 30 ppb
Methiocarb	< 30 ppb
Methomyl	< 30 ppb
Mevinphos	< 30 ppb



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Myclobutanil	< 30 ppb
Naled	< 30 ppb
Oxamyl	< 30 ppb
Paclobutrazol	< 30 ppb
Parathion-methyl	< 30 ppb
Pentachloronitrobenzene	< 30 ppb
Permethrin	< 30 ppb
Phosmet	< 30 ppb
Piperonylbutoxide	< 30 ppb
Prallethrin	< 30 ppb
Propiconazole	< 30 ppb
Propoxur	< 30 ppb
Pyrethrin	< 30 ppb
Pyridaben	< 30 ppb
Spinetoram	< 30 ppb
Spinosyn A	< 30 ppb
Spinosyn D	< 30 ppb
Spiromesifen	< 30 ppb
Spirotetramat	< 30 ppb
Spiroxamine	< 30 ppb
Tebuconazole	< 30 ppb
Thiacloprid	< 30 ppb
Thiamethoxam	< 30 ppb
Trifloxystrobin	< 30 ppb

DISCLOSURE OF PRODUCT COMPONENTS: OUR LOW THC HEMP EXTRACT PRODUCTS ARE BLENDED USING A COMBINATION OF FULL SPECTRUM CANNABINOID EXTRACTS, ORGANIC CARRIER OILS AND ENCAPSULATED IN A SOFTGEL COATING, THE CONTENTS, IDENTITY AND PURITY OF WHICH HAVE BEEN TESTED USING A VARIETY OF METHODS, INCLUDING AOAC-APPROVED METHODS OF ANALYSIS. AOAC INTERNATIONAL IS AN INDEPENDENT, INTERNATIONALLY RECOGNIZED 501(C)(3) NOT-FOR-PROFIT ASSOCIATION WHOSE ANALYTICAL STANDARDS APPLY TO A BROAD RANGE OF INDUSTRIES INCLUDING FOODS, BEVERAGES AND DIETARY SUPPLEMENTS. INGREDIENT AND SERVICE PROVIDERS HAVE BEEN QUALIFIED BY AN INTERNAL QUALITY MANAGEMENT TEAM ACCORDING TO A CGMP-COMPLIANT PROTOCOL. THE QUALIFICATION OF A SUPPLIER ENTAILS INGREDIENT TESTING INCLUDING BUT NOT LIMITED TO THE FOLLOWING ASSAYS: FATTY ACIDS (OFFICIAL METHODS OF ANALYSIS OF AOAC INTERNATIONAL, 18TH ED., METHODS 922.06 AND 954.02), PEROXIDE VALUE (AOAC INTERNATIONAL, OFFICIAL METHODS 965.33 AND 983.23), YEAST AND MOLD ANALYSIS (AOAC INTERNATIONAL, OFFICIAL METHOD 997.02), AEROBIC PLATE COUNT (AOAC INTERNATIONAL, OFFICIAL METHOD 990.12), ELEMENTS (AOAC INTERNATIONAL, OFFICIAL METHODS 2011.19 AND 993.14), REGULATED MYCOTOXINS (CITATION: ANALYTICAL AND BIOANALYTICAL CHEMISTRY, 402:2675-2686), E. COLI AND COLIFORMS (AOAC INTERNATIONAL, OFFICIAL METHOD 991.14), MULTI-RESIDUE ANALYSIS (AOAC INTERNATIONAL, OFFICIAL METHOD 2007.01), GLUTEN (AOAC INTERNATIONAL, OFFICIAL METHOD 2012.01), RESIDUAL SOLVENTS (UNITED STATES PHARMACOPEIA METHOD 467). THE AFOREMENTIONED METHODS OF ANALYSIS UTILIZE BUT ARE NOT NECESSARILY LIMITED TO QUANTIFICATION BY HPLC, UPLC/MS, GC/MS, IAC, SFC, ICP-MS. INGREDIENT CONSISTENCY IS ADDITIONALLY EVALUATED THROUGH REGULAR ORGANOLEPTIC SCREENING TO CONTROL TASTE, ODOR, COLOR AND CONSISTENCY. THE FOLLOWING SUPPLIERS/ MANUFACTURERS/SERVICE PROVIDERS HAVE BEEN QUALIFIED BY INTERNAL QUALITY MANAGEMENT: JEDWARDS INTERNATIONAL, SUPPLIER OF FRACTIONATED COCONUT OIL, KND LABS, MANUFACTURER/SUPPLIER OF HEMP EXTRACTS. PROPRIETARY LOW THC HEMP EXTRACT PRODUCTS ARE MANUFACTURED BY BLUEBIRD BOTANICALS ACCORDING TO CGMP PRACTICES. ALL PRODUCTS ARE TESTED FOR MYCOTOXINS, PESTICIDES, ELEMENTS, RESIDUAL SOLVENTS, TERPENE PROFILES AND CANNABINOID POTENCY TO CONTROL ADHERENCE TO PRODUCT SPECIFICATIONS AND GUARANTEE CONFORMITY TO THE STRICT DEFINITION OF INDUSTRIAL HEMP (<0.3% DELTA9-THC, INCLUDING PRECURSORS). THIRD PARTY LABORATORY ANALYSIS IS CONDUCTED BY BOTANACOR SERVICES, ACS LABORATORIES, AND EUROFINS. ISO ACCREDITED (ISO 17025) ASSAYS ARE PROVIDED BY BOTANACOR, ACS, AND EUROFINS. SEE PRODUCT SPECIFICATION SHEET ABOVE FOR PRODUCT/INGREDIENT BATCH INFORMATION AND PROJECTED PACKAGING PLAN. ALL SUPPLIERS OF PACKAGING SUPPLIES HAVE BEEN QUALIFIED ACCORDING TO CGMP STANDARDS.



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0	08/16/2021	Kasey Irwin	Original, added to document registry