



500 South Arthur Ave Unit 300, Louisville, CO, 80027
 720-726-5132
www.bluebirdbotanicals.com

Specification Sheet : Hemp Soft Gels

Description

Hemp Soft Gels are meant for oral ingestion. They consist of a proprietary blend of ethanol hemp extract and hemp seed oil in soft gels made from Colorado grown hemp. They are a dietary supplement.

General information

Application and Use	Dietary Supplement
Composition	Proprietary blend of hemp extract and hemp seed oil
Organic status of raw materials	Extract: not certified Hemp seed oil: not certified
Organic Certification	Not certified organic
Storage and Shelf Life	500 days from date of production in original packaging. Store cool dark and dry.
Packaging	120cc cobalt blue glass

Ingredients

Ingredient	Soft Gel	Item Code	n/a
Soft Gel Size	8	Organic Certification	not certified
Soft gel material	Animal gelatin	Country of Origin	USA

Ingredient	Hemp proprietary blend	Item Code	n/a
Botanical Name	<i>Cannabis sativa</i>	Organic Certification	Not certified
Plant parts used in oil	Seed, stem, flower	Country of Origin	Colorado, USA

Our Low THC Hemp Extract Product is manufactured by Bluebird Botanicals according to cGMP practices.

Batch: SG 0342	Batch Size: 436949 Capsules
Total Quantity Produced (packaging plan based on estimates) : 30 count bottle: 6344. 60 count bottle: 4107. Yield: 99.95%	Supplier Lot Codes: Primary Ingredient: SG-27418-B1

Specification

Appearance	Dark green-brown soft gels
Odor	None

Assay

Potency - Testing Methods: HPLC, UPLC, SFC, GC	
Total Cannabinoids	15-20mg/capsule
Tetrahydrocannabinol (THC)	< 0.3%

Heavy Metals - Testing Methods : ICP-MS	
Arsenic	< 20 ppb
Cadmium	< 10 ppb
Mercury	< 10 ppb
Lead	< 20 ppb



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Mycotoxins - Testing Methods: IAC	
Total Aflatoxin	< 5 ppb
Total Ochratoxin	< 5 ppb

Microbiological Contamination - Testing Methods: AOAC 990.12, AOAC 991.14, CMMEF, 3M Method	
Total Aerobic Bacterial Count	< 1,000 CFU/g
Total Coliform Bacterial Count	< 100 CFU/g
Total Bile Tolerant Gram Negative Count	< 1,000 CFU/g
Total Yeast and Mold	< 1,000 CFU/g

Solvents - Testing Methods: GC/MSD	
Propane	0 ppb
Butanes	0 ppb
Pentane	0 ppb
Ethanol	<100 ppb
Acetone	<100 ppb
Isopropyl Alcohol	<100 ppb
Hexane	0 ppb
Benzene	0 ppb
Heptane	0 ppb
Toluene	0 ppb
Xylenes	0 ppb

Pesticides - Testing Methods: UPLC/MS	
Abamectin 71751-41-2	< 20 ppb
Acequinocyl 57960-19-7	< 20 ppb
Bifenazate 149877-41-8	< 20 ppb
Bifenthrin 82657-04-03 ND ppb	< 20 ppb
Chlormequat chloride 999-81-5	< 20 ppb
Cyfluthrin 68359-37-5	< 20 ppb
Cyfluthrin 68359-37-5	< 20 ppb
Daminozide 1596-84-5	< 20 ppb
Etoxazole 153233-91-1	< 20 ppb
Fenoxycarb 72490-01-8	< 20 ppb
Paclobutrazol 76738-62-0	< 20 ppb
Pyrethrin 8003-34-7	< 20 ppb
Spinosad 168316-95-8	< 20 ppb
Spiromesifen 283594-90-1	< 20 ppb
Myclobutanil 88671-89-0	< 20 ppb
Imazalil 35554-44-0	< 20 ppb
Imidacloprid 138261-41-3	< 20 ppb
Spirotetramat 203313-25-1	< 20 ppb
Trifloxystrobin 141517-21-7	< 20 ppb



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DISCLOSURE OF PRODUCT COMPONENTS: OUR LOW THC HEMP EXTRACT PRODUCTS ARE BLENDED USING A COMBINATION OF FULL SPECTRUM CANNABINOID EXTRACTS, ORGANIC CARRIER OILS AND ESSENTIAL OILS, 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: HEMP PRODUCTION SERVICES, SUPPLIER OF ORGANIC HEMP SEED OIL, JEDWARDS INTERNATIONAL, SUPPLIER OF ORGANIC HEMP SEED OIL, ORGANIC OLIVE OIL, ORGANIC BLACK CUMIN SEED OIL, EDEN BOTANICALS, SUPPLIER OF SUPER CRITICAL CO2 EXTRACTED FRANKINCENSE (BOSWELLIA CARTERII) AND CANNABIS ESSENTIAL OIL, PURE SPECTRUM, EBL HEALTH, MANUFACTURERS/SUPPLIERS OF CO2 HEMP EXTRACTS, PHYTO BOTANICALS, MANUFACTURER OF ETHANOL HEMP EXTRACT, HAMMER, MANUFACTURER/CO-PACKER OF GEL CAPSULES. 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, DELTA VERDE LABORATORY, PROVERDE LABORATORIES AND COVANCE INC. ISO ACCREDITED (ISO 17025) ASSAYS ARE PROVIDED BY PROVERDE LABORATORIES AND COVANCE INC. 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.