



500 South Arthur Ave Unit 300, Louisville, CO, 80027  
 720-726-5132  
[www.bluebirdbotanicals.com](http://www.bluebirdbotanicals.com)

## Specification Sheet: Hemp Essential

### Description

Hemp Essential is a naturally scented and rejuvenating lotion intended for topical use. It is a rich lotion designed to balance and protect the skin. Hemp Essential is made with full-spectrum hemp extract, jojoba, and coconut oil

<b>Application and Use</b>	Intended for external use by the general public. Massage a moderate amount into dry, aged, or irritated skin twice daily or as needed to restore and rejuvenate your skin.	<b>Appearance &amp; consistency</b>	Light beige cream, Viscous
<b>Composition</b>	A proprietary blend of full-spectrum hemp extract, jojoba and coconut oil, and essential oils	<b>Odor</b>	Characteristic- including notes of hemp
<b>Organic Certification</b>	Not certified	<b>Specific Gravity</b>	.99
<b>Storage and Shelf Life</b>	2 years from the date of production in original packaging. Store cool, dark, and dry.		
<b>Packaging</b>	sugarcane-derived polyethylene tubes with plastic cap	<b>pH-value at 25° C (77° F)</b>	3.3-5.5
<b>Lot Code</b>	0461 EXP MO/YR (2 years from the date of production)	<b>Viscosity (dial) at 25° C</b>	11,000 - 21,000 cP

**Ingredients (listed in order of predominance):** Ingredients: Aqua (Deionized Water), Emulsifying Wax, Hemp Blend (Cannabis Sativa (Hemp) Seed Oil and Cannabis Sativa (Hemp) Extract), Cocos Nucifera (Coconut) Oil, Rosmarinus Ocinalis (Rosemary) Oil, Daucus Carota Sativa (Carrot) Extract, Simmondsia Chinensis (Jojoba) Oil, Polysorbate-20, Gluconolactone, Sodium Benzoate.

Our Hemp Essential is manufactured according to cGMP practices.

Batch: ESS 0461	Batch Size: 4,897 tubes
Total Quantity Produced (packaging plan based on estimates): 3.4 fl. oz. tube: 4,897 Yield: 100%	Supplier Lot Codes: Primary Ingredient: L11P8

<b>Potency</b> Testing Method: IHCBDS		<b>Mycotoxins</b> Testing Method: LCMS/MS	
Total CBD	1250+ mg per 6 fl. oz. 700+ mg per 3.4 fl. oz.	Total Aflatoxin	< 5 ppb
Tetrahydrocannabinol (THC)	< 0.2%	Total Ochratoxin	< 5 ppb

<b>Heavy Metals</b> Method: ICP_MS		<b>Microbiological Contamination</b> Method: qPCR	
Arsenic	< 10 ppb	Total Aerobic Plate Count	< 200 CFU/g
Cadmium	< 10 ppb	Total SE. coli / Coliform	< 100 CFU/g
Mercury	< 10 ppb	Total Yeast & Mold	< 100 CFU/g
Lead	< 10 ppb		



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<b>Solvents - Method: GC/GCMS</b>	
N - Butane	< 200 ppm
I - Butane	< 100 ppm
Pentane	< 389.5 ppm
Ethanol	< 26.7 ppm
Acetone	< 87.9 ppm
Isopropanol	< 52.3 ppm
Hexane	< 36.6 ppm
Benzene	< 1.6 ppm
Methanol	< 87.9 ppm
Toluene	< 18 ppm
Chloroform	< 53 ppm

<b>Pesticides - Method: LCMS/MS</b>	
Abamectin	< 30 ppb
Acephate	< 30 ppb
Acequinocyl	< 48 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
Metalaxyl	< 30 ppb
Methiocarb	< 30 ppb
Methomyl	< 30 ppb
Mevinphos	< 30 ppb



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Myclobutanil	< 30 ppb
Naled	< 30 ppb
Oxamyl	< 30 ppb
Paclbutrazol	< 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 LOTION PRODUCTS ARE BLENDED USING A COMBINATION OF FULL SPECTRUM CANNABINOID EXTRACTS, ORGANIC CARRIER OILS AND ESSENTIAL OILS, AND OTHER INGREDIENTS. 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: PURE SOURCE, MANUFACTURERS OF LOTIONS. PROPRIETARY HEMP LOTIONS ARE DISTRIBUTED BY BLUEBIRD BOTANICALS ACCORDING TO CGMP PRACTICES. ALL PRODUCTS ARE TESTED FOR MYCOTOXINS, PESTICIDES, ELEMENTS, RESIDUAL SOLVENTS 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 ACS LABORATORIES SERVICES. ISO ACCREDITED (ISO 17025) ASSAYS ARE PROVIDED BY EUOFINS. 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.