



410 South Arthur Ave, Louisville, CO, 80027
720-726-5132
www.bluebirdbotanicals.com
F03.019m.02

Specification Sheet: Silk CBD Lotion

Description

Silk CBD Lotion is a skin softening and beautifying lotion intended for topical use. It is a gentle lotion to replenish dry, damaged skin. Silk CBD Lotion is made with full-spectrum hemp extract, essential oils, jojoba, and coconut oil.

Application and Use	Massage a moderate amount into dry, aged, or irritated skin twice daily or as needed to restore and rejuvenate your skin's appearance.	Appearance & consistency	Light beige cream, Viscous
Composition	A proprietary blend of full-spectrum hemp extract, jojoba and coconut oil, and essential oils	Odor	Rosemary, Lavender, Hemp
Organic Certification	Not certified	Specific Gravity	0.855-0.945 g/mL
Storage and Shelf Life	2 years (730 days) from the date of production in original packaging. Store cool, dark and dry.	Fill Volume and Tolerance	3.4 fl oz $\pm 10\%$ (.34 fl oz or 10 mL) 6 fl oz $\pm 10\%$ (.6 fl oz or 17.7 mL)
Packaging	Pre-printed tubes with plastic cap	Lot Code	LOT (determined by contract manufacturer) EXP MO/YR (2 years from the date of production)
Inventory Part	SLK		

Ingredients (listed in order of predominance): Aqua (Water), Hemp (Cannabis sativa) Extract (aerial parts), Hemp (Cannabis sativa) Seed Oil, Emulsifying Wax (from vegetables), Coconut Oil (MCT Caprylic/Capric Triglyceride), Carrot (Daucus Carota Sativa) Seed Oil, Jojoba (Simmondsia Chinensis) Seed Oil, Sodium Benzoate, Gluconolactone, Rosemary (Rosmarinus Officialis) Extract, Lavender (Lavandula Angustifolia) Oil, Rose Geranium (Pelargonium Graveolens) Oil.

Our Hemp Silk is manufactured according to cGMP practices.

Batch: 736 SLK-3	
Manufacturing Date: 09/09/2022	Batch Size: 433.269 Liters (14,650.6 fl. oz)
Total Quantity Produced (packaging plan based on estimates): 3.4 fl. oz. tube: 4,309 Yield: 100%	Supplier Lot Codes: Primary Ingredient: 726 PCLX

Potency	
Testing Methods: IHCBD_S	
Total CBD	750+ mg per 3.4 fl. oz. 1250+ mg per 6 fl. oz.
Tetrahydrocannabinol (THC)	< 0.2%
Tetrahydrocannabinol (THC) per container (mg)	3.4 fl oz: ≤ 40 mg 6 fl oz: ≤ 70 mg



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Heavy Metals - Method : ICP-MS	
Arsenic	< 100 ppb
Cadmium	< 100 ppb
Mercury	< 100 ppb
Lead	< 100 ppb

Mycotoxins - Method: LCMS/MS	
Total Aflatoxin (B1, B2, G1, and G2)	< 20 ppb
Aflatoxin B1	< 5 ppb
Total Ochratoxin	< 5 ppb

Microbiological Contamination - Method: Petrifilm, RAPID, Plating	
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

Solvents Test Method: GC/MS, HPLC			
1-Butanol	< 5000 ppb	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-Methyl-1-propano (Isobutanol)	< 5000 ppm
2-Methylbutane	< 5000 ppm	2-Methylpentane	< 290 ppm
2-Propanol (Isopropyl Alcohol)	< 500 ppm	2,2-dimethylbutane	< 290 ppm
2,2-Dimethylpropane (neo-pentane)	< 3000 ppm	2,3-dimethylbutane	< 290 ppm
3-Methyl-(1)-Butanol	< 5000 ppm	3-Methylpentane	< 290 ppm
Acetone	< 5000 ppm	Acetonitrile	< 410 ppm
Anisole	< 5000 ppm	Benzene	< 1.0 ppm
Total Butanes	< 500 ppm	Butyl acetate	< 5000 ppm
Chloroform	< 1.0 ppm	Cyclohexane	< 500 ppm
Dimethyl sulfoxide (DMSO)	< 5000 ppm	Ethanol	< 1000 ppm
Ethyl acetate	< 1000 ppm	Ethyl benzene	< 2170 ppm
Ethyl ether	< 2000 ppm	Ethyl formate	< 5000 ppm



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Ethylene glycol	< 620 ppm	Ethylene oxide	1.0 ppm
Formic acid	< 5000 ppm	Hexanes (total)	< 290 ppm
Isobutyl acetate	< 5000 ppm	Isopropyl acetate	< 5000 ppm
Isopropylbenzene (Cumene)	< 70 ppm	Methanol	< 500 ppm
tert-Butylmethyl ether (Methyl-t-butyl ether)	< 5000 ppm	Methyl Acetate	< 5000 ppm
Methylene chloride	< 1.0 ppm	Methylethylketone	< 5000 ppm
Methylisobutylketone	< 4500 ppm	Methylpropane (Isobutane)	< 5000 ppm
n-Heptane	< 500 ppm	n-Butane	< 200 ppm
n-Pentane	< 1000 ppm	n-hexane	< 60 ppm
N,N-Dimethylacetamide	< 1090 ppm	1-Propanol (n-Propanol)	< 5000 ppm
Pentanes (total)	< 600 ppm	N,N-Dimethylformamide	< 880 ppm
Propyl acetate	< 5000 ppm	Propane	< 500 ppm
Tetrahydrofuran	< 720 ppm	Pyridine	< 200 ppm
Total Xylenes	< 400 ppm	Toluene	< 180 ppm
Triethylamine	< 500 ppm	Trichloroethylene	< 1.0 ppm

Pesticides - Method: AOAC 2007.01, LCMS/MS	
Abamectin	< 70 ppb
Acephate	< 30 ppb
Acequinocyl	< 30 ppb
Acetamiprid	< 50 ppb
Aldicarb	< 100 ppb
Allethrin	< 100 ppb
Azadirachtin	< 500 ppb
Azoxystrobin	< 10 ppb
Benzovindiflupyr	< 10 ppb
Bifenazate	< 30 ppb
Bifenthrin	< 100 ppb
Boscalid	< 10 ppb
Carbaryl	< 25 ppb
Captan	< 700 ppb
Chlorantraniliprole	< 30 ppb
Chlordane (cis + trans)	< 100 ppb
Chlorfenapyr	< 100 ppb
Chlorpyrifos	< 10 ppb
Clofentezine	< 10 ppb
Clothianidin	< 25 ppb



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Coumaphos	< 10 ppb
Cyantraniliprole	< 10 ppb
Cyfluthrin	< 400 ppb
Cypermethrin	< 300 ppb
Cyprodinil	<10 ppb
Daminozide	< 50 ppb
Deltamethrin	<500 ppb
Diazinon	< 10 ppb
Dichlorvos	<50 ppb
Dimethoate	< 10 ppb
Dimethomorph	< 50 ppb
Dinotefuran	<50 ppb
Dodemorph	<50 ppb
Endosulfan I (alpha)	<50 ppb
Endosulfan II (beta)	<50 ppb
Endosulfan sulfate	<50 ppb
Ethoprophos	< 10 ppb
Etofenprox	< 10 ppb
Etoxazole	< 10 ppb
Etridiazole	<50 ppb
Fenhexamid	< 100 ppb
Fenoxycarb	< 10 ppb
Fenpyroximate	<20 ppb
Fensulfothion	<10 ppb
Fenthion	<10 ppb
Fenvalerate	<200 ppb
Fipronil	< 10 ppb
Flonicamid	<25 ppb
Fludioxonil	<10 ppb
Fluopyram	<10 ppb
Hexythiazox	<10 ppb
Imazalil	< 10 ppb
Imidacloprid	< 10 ppb
Iprodione	<500 ppb
Kinoprene	<50 ppb
Kresoxim Methyl	< 10 ppb
Malathion	< 10 ppb
Metalaxyl	< 10 ppb
Methiocarb	< 10 ppb
Methomyl	< 25 ppb
Methoprene	<1000 ppb
Mevinphos	< 25 ppb
MGK-264	<50 ppb
Myclobutanil	<10 ppb
Naled	< 100 ppb
Novaluron	<25 ppb



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Oxamyl	< 500 ppb
Paclobutrazol	< 10 ppb
Parathion-methyl	< 30 ppb
Permethrin	< 40 ppb
Phenothrin	<25 ppb
Phosmet	< 20 ppb
Piperonyl butoxide	<200 ppb
Pirimicarb	<10 ppb
Prallethrin	< 50 ppb
Propiconazole	< 10 ppb
Propoxur	< 10 ppb
Pyraclostrobin	<10 ppb
Pyrethrins (total)	< 25 ppb
Pyridaben	< 20 ppb
Quintozene	<20 ppb
Resmethrin	<20 ppb
Spinetoram	< 10 ppb
Spinosad	< 10 ppb
Spirodiclofen	<250 ppb
Spiromesifen	< 30 ppb
Spirotetramat	< 10 ppb
Spiroxamine	< 10 ppb
Tebuconazole	< 10 ppb
Tebufenozide	<10 ppb
Teflubenzuron	<25 ppb
Tetrachlorvinphos	<10 ppb
Tetramethrin	<50 ppb
Thiacloprid	< 10 ppb
Thiamethoxam	< 10 ppb
Thiophanate-Methyl	<30 ppb
Trifloxystrobin	< 10 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: HEMP PRODUCTION SERVICES, SUPPLIER OF ORGANIC HEMP SEED OIL, JEDWARDS INTERNATIONAL, SUPPLIER OF ORGANIC HEMP SEED OIL, FRESH HEMP FOODS, SUPPLIER OF ORGANIC HEMP SEED OIL ZIVO INC., MANUFACTURER/SUPPLIER OF HEMP EXTRACTS, PURE SOURCE, MANUFACTURER 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, BOTANACOR LABORATORIES, AND EUROFINS. ISO ACCREDITED (ISO 17025) ASSAYS ARE PROVIDED BY EUROFINS, ACS, AND BOTANACOR. 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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Version #	Date Revised	Revised By	Revision
0	12/7/2020	KOI	Original, added to document registry
1	7/12/2021	KOI	Updated with CDPHE requirements
2	07/19/2022	SB	Updated to match new lab and state analyte limits, added Inventory Part, changed listed name, updated Description, updated ingredients.