

PRODUCT SPECIFICATION

BioButyryn-LSME™

Self-Emulsifying Dietary Delivery System for Tributyrin Powder

PRODUCT IDENTIFICATION				
Product Name	BioButyryn-LSME™		Compound Name	Tributyryn (Butyric acid + Glycerol)
Product Description	Tributyryn SNEDDS Powder		Country of Origin	Poland
Product Code	VNBBLSME10		DOI	November 2022
PHYSICAL & ORGANOLEPTIC		NUTRITION FACTS – Serving Size 0.25 gm		
ANALYTE	SPECIFICATION		AMOUNT PER SERVING	% DV
Appearance	Free-Flowing Powder		Calories	0 kcal 0%
Color	Cream-White		Total Fat & <i>Trans</i> Fat	0 g 0%
Aroma & Taste	Neutral		Cholesterol	0 mg 0%
			Sodium	0 mg 0%
			Total Carbohydrate	0 g 0%
			Protein	0 g 0%
ACTIVE ANALYSIS BY HPLC				
Tributyryn NLT 10%				
TOXICOLOGICAL			MICROBIOLOGICAL	
ANALYTE	SPECIFICATION	METHOD	ANALYTE	SPECIFICATION
Lead	<3 ppm	ICP/MS	TAPC*	<10,000 CFU/g USP <61>
Arsenic	<3 ppm	ICP/MS	Yeast & Mold	<500 CFU/g USP <61>
Mercury	<1 ppm	ICP/MS	E. coli	<10 CFU/g AOAC 991.14
Cadmium	<3 ppm	ICP/MS	Salmonella	Negative/10 g USP <62>
Peroxides	<10 meq/Kg	USP <401>	Aflatoxins	<0.4 ppb IAC-LC-FLD
Pesticides†	<LOD	GC-FPD		
Glyphosate	<0.01 ppm	LC/MS/MS		
*Glyphosate/AMPA/Glufoisinate			* TAPC = Total Aerobic Plate Count (bacteria)	
†Pyrethroids, Organochlorine & Organophosphorous Pesticides				
PRODUCT FACTS				
Markers	Tributyryn		CA Prop 65	Compliant
Plant Part	NA		Vegan	Yes
Excipients	nonGMO: Sunflower Seed Lecithin, Coconut & Palm Fruit Oils, Cane & Beet Sugar, Rice Hull Fiber		Extraction Method	N/A
Organic Solvents	None Used		GMO	No
Agricultural Practices	Conventional		FALCPA Allergens	None
WHO GACP	Compliant		BSE/TSE	No/No
Cell Culture	Not derived from or containing cell culture derived products		Irradiation/ETO	No/No
Storage & Expiration	2 years from DOM in Original Closed Container in Cool, Dry, Dark Place at 59°F – 85°			
			Kosher/Halal	Yes/Suitable

IMPORTANT – PLEASE READ CAREFULLY

GOODS OFFERED BY VERDANT NATURE ("VN") ARE FOR RESEARCH OR FOR MANUFACTURING ONLY AND ARE NOT INTENDED FOR USE IN VIOLATION OF ANY FEDERAL, STATE OR LOCAL LAWS AND REGULATIONS. COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS REMAINS THE RESPONSIBILITY OF THE USER. VN ASSUMES NO RESPONSIBILITY AND EXPRESSLY DISCLAIMS ANY LIABILITY THAT MAY ARISE FROM THE USE, MISUSE OR APPLICATION OF THE PRODUCT DESCRIBED HEREIN. STATEMENTS MADE HEREIN ARE BASED ON OUR RESEARCH, THE RESEARCH OF OTHERS AND ARE BELIEVED TO BE TRUE AND ACCURATE, HOWEVER NO GUARANTEE OF THEIR ACCURACY IS MADE. BEYOND THE DESCRIPTION OF THE PRODUCT, ALL STATEMENTS AND SUGGESTIONS MADE HEREIN ARE WITHOUT WARRANTY, EXPRESS OR IMPLIED INCLUDING WITHOUT LIMITATION, THE ACCURACY OF THE INFORMATION, THE HAZARDS CONNECTED WITH THE USE OF THE PRODUCT, THE RESULTS TO BE OBTAINED FROM THE USE THEREOF, WARRANTY OF MERCHANTABILITY AND FITNESS FOR USE OF THE PRODUCT FOR A PARTICULAR PURPOSE; AND UPON CONDITION THAT USERS SHALL MAKE THEIR OWN TESTS TO DETERMINE THE SUITABILITY OF SUCH PRODUCT FOR THEIR PARTICULAR PURPOSES. VN'S SOLE OBLIGATION OR LIABILITY FOR ALL CLAIMS, AND THE EXCLUSIVE REMEDY OF BUYER, OR ANY OTHER PARTY, ARE EXPRESSLY LIMITED TO EITHER REPLACEMENT OF PRODUCT FOUND BY THE PARTIES, OR AN AGREED UPON THIRD PARTY, TO BE NONCONFORMING TO THE SPECIFICATIONS, OR REPAYMENT OF THAT PORTION OF THE PURCHASE PRICE PAID FOR PRODUCT SUBJECT TO ANY CLAIM. RECOVERY FOR INCIDENTAL, CONSEQUENTIAL, SPECIAL, INDIRECT, CONTINGENT OR ANY OTHER TYPE OF DAMAGES, LOSSES OR EXPENSES ARE SPECIFICALLY EXCLUDED, WHETHER BASED ON CONTRACT, TORT (INCLUDING NEGLIGENCE OR BREACH OF WARRANTY), STRICT LIABILITY, OR ANY OTHER THEORY OR FORM OF ACTION ARISING OUT OF OR IN CONNECTION WITH THE SALE, DELIVERY, USE, INABILITY TO USE, OR PERFORMANCE OF THE PRODUCT. STATEMENTS CONCERNING THE POSSIBLE USE OF THE PRODUCT ARE NOT INTENDED AS RECOMMENDATIONS TO USE THE PRODUCT IN INFRINGEMENT OF ANY PATENTS OR RIGHTS OF OTHERS. THE USER ASSUMES ALL RISK AND LIABILITY FOR HANDLING, USE AND/OR RESULTS OBTAINED, WHETHER USED SINGLY OR IN COMBINATION WITH OTHER PRODUCTS OR IN THE OPERATION OF ANY PROCESS, AND WHETHER OR NOT IN ACCORDANCE WITH ANY PRIOR OR CONTEMPORANEOUS STATEMENTS OF VN. FAILURE TO GIVE NOTICE OF A CLAIM WITHIN TEN (10) DAYS FROM THE DATE OF DELIVERY OF THE PRODUCT SHALL CONSTITUTE A WAIVER OF ALL CLAIMS. LAWS, COURTS AND DECISIONS OF THE STATE OF WYOMING SHALL GOVERN ALL DEALINGS AND DISPUTES BETWEEN THE PARTIES, WITHOUT REGARD TO APPLICABLE CONFLICT OF LAWS RULES THEREIN OR OF ANY OTHER JURISDICTION.