GREEN VALLEY LABORATORY

CERTIFICATE OF ANALYSIS

Product:	Sea Fennel Stem Cells		
Lot #:	115	**Re-test:**	September 2028
INCI:	Crithmum Maritimum Callus Culture Filtrate		

Property	Specification	Analysis
Appearance (Method: PO-TMD-0245)	Hygroscopic fine powder	Conforms
Color (Method: PO-TMD-0245)	Pink yellow beige to greenish beige	Conforms
Odor (Method: PO-TMD-0245)	Characteristic	Conforms
Density, uncompacted product (Method: PO-TMD-0257)	0.05 - 0.20	0.09
Loss on Drying, % (0.5g; 2h at 105°C) (Method: PO-TMD-0868)	0.0 - 8.0	3.8
Lipid Content, %	3.0 - 10.0	5.1
Total Nitrogen Content, % (Method: PO-TMD-0253)	1.5 - 4.0	3.2
Crude Protein Content, % (Method: PO-TMD-0187)	9.4 - 25.0	19.8
IR Spectrum (Method: PO-TMD-0255)	Similar to the standard	Conforms
UV Spectrum (Method: PO-TMD-0226)	Similar to the standard	Conforms
Introduction to 0.5% in Basic Cream (Method: PO-TMD-0228)	Homogeneous smooth cream	Conforms
Chlorogenic Acid Identification (Method: PO-TMD-0229)	Presence	Conforms
Microbiological Testing		
Total Germs, CFU/g (Method: NF EN ISO 21149)	< 100	Conforms
Yeasts/Moulds, CFU/g (Method: NF EN ISO 16212)	< 100	Conforms
Staphylococcus Aureus (Method: NF EN ISO 22718)	None	Conforms
Candida Albicans (Method: NF EN ISO 18416)	None	Conforms
Pseudomonas Aeruginosa (Method: NF EN ISO 22717)	None	Conforms
Escherichia Coli (Method: NF EN ISO 21150)	None	Conforms

ADDITIONAL INFORMATION

This batch complies with all current quality requirements. Heavy metals guaranteed under statistical control: Ag < 5 mg/kg; As (total) < 2 mg/kg; Cd < 3 mg/kg; Hg < 1 mg/kg; Ni < 2 mg/kg; Pb < 5 mg/kg; Cr < 1 mg/kg; Co < 2 mg/kg; Sb < 0.5 mg/kg.

The above data were obtained using the test-indicated method. Results may vary under other test methods and are subject to the deviation inherent in the test conditions.

DISCLAIMER

Containers that have been opened should be tested at least yearly to ensure quality. The information contained herein is obtained directly from the manufacturer and/or through our own independent testing. Green Valley Laboratory provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. As the ordinary or otherwise use(s) of this product is outside the control of Green Valley Laboratory, no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. Green Valley Laboratory expressly disclaims responsibility as to the ordinary or otherwise use(s). Furthermore, nothing contained herein should be considered a recommendation by Green Valley Laboratory as to the fitness for any use. The liability of Green Valley Laboratory is limited to the value of the goods and does not include any consequential loss. Green Valley Laboratory shall not be liable for any errors or delays in the content or for any actions taken in reliance thereon. Green Valley Laboratory shall not be responsible for any damages resulting from the use of or reliance upon this information. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including the intellectual property rights of third parties.

This document is computer-automated and is valid without signature.