GREEN VALLEY LABORATORY

CERTIFICATE OF ANALYSIS

Product:	Sea Fennel Stem Cells		
Lot #:	7403	**Re-test:**	June 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.		

Property	Specification	Analysis
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

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