GREEN VALLEY LABORATORY

CERTIFICATE OF ANALYSIS

Product:	Sea Holly Stem Cells		
INCI:	Eryngium Maritimum Callus Culture Filtrate		
Lot #:	2502	**Re-test:**	June 2028
Reference Standard:	Rosmarinic Acid standard Sigma ref. 536954-5G		

Property	Specification	Analysis
Appearance (Method: PO-TMD-0245)	Hygroscopic fine powder	Conforme
Color (Method: PO-TMD-0245)	Beige	Conforme
Odor (Method: PO-TMD-0245)	Characteristic	Conforme
Density, uncompacted product (Method: PO-TMD-0257)	0.03 - 0.09	0.06
Loss on Drying, % (0.5g; 2h at 105°C) (Method: PO-TMD-0868)	0.0 - 9.0	1.7
Lipid Content, %	1.5 - 10.0	3.9
Total Nitrogen Content, % (Method: PO-TMD-0253)	1.5 - 6.0	4.4
Gross Protein Content, % (Method: PO-TMD-0187)	9.4 - 37.5	27.8
Presence of Rosmarinic Acid (Method: PO-TMD-0203)	Presence	Conforme
IR Spectrum (Method: PO-TMD-0255)	Similar to the standard	Conforme
UV Spectrum (Method: PO-TMD-0226)	Similar to the standard	Conforme
Introduction at 0.05% in Basic Cream (Method: PO-TMD-0228)	Homogeneous smooth cream	Conforme
Microbiological Testing		
Total Germs, CFU/g (Method: NF EN ISO 21149)	< 100	Conforme
Yeasts/Moulds, CFU/g (Method: NF EN ISO 16212)	< 100	Conforme
Staphylococcus Aureus (Method: NF EN ISO 22718)	None	Conforme
Candida Albicans (Method: NF EN ISO 18416)	None	Conforme
Pseudomonas Aeruginosa (Method: NF EN ISO 22717)	None	Conforme
Escherichia Coli (Method: NF EN ISO 21150)	None	Conforme
Quality Assurance Conformity	Quality Assurance Conformity	Conforme

ADDITIONAL INFORMATION

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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