



Technical Data Sheet

Release date 01/06/2024

Product Name: Exo Elixir Alpine Rose		Product code: COS_EEAR	
Product Description: Spray-dried extract of Alpine Rose (<i>Rosa pendulina</i> , dried petal)			
INCI Name / CAS number / EC number of Ingredients: ROSA PENDULINA EXTRACT / CAS number: 97593-52-7/ EC number: 307-357-4 MALTODEXTRIN / CAS number: 9050-36-6/ EC number: 232-940-4			
Main Specifications			
Composition:	Spray-dried extract of: [Alpine rose (<i>Rosa pendulina</i> , dried petal); Maltodextrin]		
Origin of the Alpine Rose:	Organic agriculture		
Country of origin:	Italy		
pH value at 25 ± 0.2°C:	4.4 (measured diluted 1:10 in MilliQ® water)		
Recommended period of use:	Within 24 months from production if stored under optimal conditions.		
Mode of use:	See attached document "Product use guidelines" for details.		
Guidance on Storage:	Store the product at room temperature (20 - 25°C), tightly closed, away from heat sources, not exposed to light and humidity.		
Storage and preservation requirements			
Storage temperature:	At room temperature (20 - 25°C) in spray-dried form (See "Guidance on Storage" section for details)		
Transport temperature:	At room temperature (20 - 25°C)		
Organoleptic Properties			
Color:	Pink (from darker pink to lighter pink)		
Appearance:	Spray-dried powder		
Consistence:	Spray-dried powder		
Chemical-Physical Characteristics		Microbiological Characteristics	
Humidity	< 5 %MC Test method: Rapporti ISTISAN 1996/34 pag 7 Met. A	Total combined Yeast-Mould Count	< 10 CFU/g Test method: ISO 16212
Ash	< LOQ Test method: Rapporti ISTISAN 1996/34 pag 77	Total Aerobic Mesophilic Bacteria Count	< 60 CFU/g Test method: ISO 21149



Heavy metals	Cadmium (Cd): <math> < 0.04 \pm 0.02 \text{ mg/Kg}</math> Mercury (Hg): <math> < 0.42 \pm 0.15 \text{ mg/kg}</math> Lead (Pb): <math> < 0.40 \pm 0.15 \text{ mg/kg}</math> Test method: UNI EN 13805:2014 + UNI EN 15763:2010	Candida albicans	Absent Test method: ISO 18416
Polycyclic Aromatic Hydrocarbons	<math> < \text{LOQ}</math> Test method: UNI EN 16619:2015	Escherichia coli	Absent Test method: ISO 21150
Multiresidual analysis of pesticides	<math> < \text{LOQ}</math> Test method: UNI EN 15662:2018	Pseudomonas aeruginosa	Absent Test method: ISO 22717
		Staphylococcus aureus	Absent Test method: ISO 22718
		Enterobacteriacee	<math> < \text{LOQ}</math> Test method: UNI EN ISO 21528-2:2017/EC 1:2018
		Salmonella spp	Absent Test method: UNI EN ISO 6579-1:2020
		Aflatoxins B1, B2, G1, G2	<math> < \text{LOQ}</math> Test method: MI D 0015 rev.01 2023
Compliant with EC Regulation 2073/2005 and successive amendments and supplements			

Statement on GMOs (EC Reg. 1829/2003 and EC Reg. 1830/2003)

The product does not contain GMOs and is not consisting of substances containing GMOs

Delivery time

45 days from the order

Packing and transport requirements

Primary packaging: glass containers

Secondary packaging: isothermal polystyrene containers

Tertiary packaging: carton containers

Abbreviations

LOQ: Limit of Quantification



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The Laboratory Manager

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