



Technical Data Sheet

Release date 09/08/2024

Product Name: Exo Skin-Cells Regeneration		Product code: COS_ESCR
Product Description: Spray-dried fruit extract of: [Grape (<i>Vitis vinifera</i> , pulpa fructus), Pomegranate (<i>Punica granatum</i> , pulpa fructus), Blood orange (<i>Citrus sinensis</i> (L.) Osbeck - "Blood Orange", pulpa fructus), Mandarin (<i>Citrus reticulata</i> , pulpa fructus), Papaya (<i>Carica papaya</i> L., pulpa fructus)]		
INCI Name / CAS number / EC number of Ingredients: VITIS VINIFERA FRUIT EXTRACT / Cas number: - / EC number: - PUNICA GRANATUM FRUIT EXTRACT / CAS number: - / EC number: - CITRUS SINENSIS FRUIT EXTRACT / CAS number: - / EC number: - CITRUS RETICULATA FRUIT EXTRACT / Cas number: - / EC number: - CARICA PAPAYA FRUIT EXTRACT / CAS number: - / EC number: - MALTODEXTRIN / CAS number: 9050-36-6 / EC number: 232-940-4		
Main Specifications		
Composition:	Spray-dried fruit extract of: [Grape (<i>Vitis vinifera</i> , pulpa fructus) (35-60 %), Pomegranate (<i>Punica granatum</i> , pulpa fructus) (10-30 %), Blood orange (<i>Citrus sinensis</i> (L.) Osbeck - "Blood Orange", pulpa fructus) (10-30 %), Mandarin (<i>Citrus reticulata</i> , pulpa fructus) (10-30 %), Papaya (<i>Carica papaya</i> L., pulpa fructus) (10-30 %); Maltodextrin (5-25 %)]	
Origin of the fruits:	Organic agriculture	
Country of origin:	Italy	
pH value at 25 ± 0.2°C:	3.7 - 3.8 (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	< 4 %MC Test method: Rapporti ISTISAN 1996/34 pag 7 Met. A	Total combined Yeast-Mold Count	< 10 CFU/g Test method: ISO 16212
Ash	< LOQ Test method: Rapporti ISTISAN 1996/34 pag 77	Total Aerobic Mesophilic Bacteria Count	< 10 CFU/g Test method: ISO 21149
Heavy metals	Cadmium (Cd): < 0.15 ± 0.06 mg/Kg Mercury (Hg): < 0.27 ± 0.10 mg/kg Lead (Pb): < 0.79 ± 0.26 mg/kg Test method: UNI EN 13805:2014 + UNI EN 15763:2010	Candida albicans	Absent Test method: ISO 18416
Polycyclic Aromatic Hydrocarbons	< LOQ Test method: UNI EN 16619:2015	Escherichia coli	Absent Test method: ISO 21150
Multiresidual analysis of pesticides	< LOQ Test method: UNI EN 15662:2018	Pseudomonas aeruginosa	Absent Test method: ISO 22717
		Staphylococcus aureus	Absent Test method: ISO 22718
		Enterobacteriaceae	< LOQ 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	< LOQ 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

Lead 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



CTO (Chief Technology Officer)

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