



Technical Data Sheet

Release date 28/05/2024

Revision 0 of 28/05/2024

Product Name: Exocomplex® IMMUNE		Product code: NUTR_EC_IMM	
Description Product: Freeze-dried fruit extract: [Red kiwi (<i>Actinidia chinensis</i> Planch., pulpa fructus), Papaya (<i>Carica papaya</i> L., pulpa fructus), Lemon (<i>Citrus limon</i> (L.) Osbeck., pulpa fructus), Blood Orange (<i>Citrus sinensis</i> (L.) Osbeck - "Blood Orange", pulpa fructus), Blond Orange (<i>Citrus sinensis</i> (L.) Osbeck, pulpa fructus), Grape (<i>Vitis vinifera</i> , pulpa fructus)]			
General characteristics			
Composition:	Freeze-dried fruit extract: [Red kiwi (<i>Actinidia chinensis</i> Planch., pulpa fructus), Papaya (<i>Carica papaya</i> L., pulpa fructus), Lemon (<i>Citrus limon</i> (L.) Osbeck., pulpa fructus), Blood Orange (<i>Citrus sinensis</i> (L.) Osbeck - "Blood Orange", pulpa fructus), Blond Orange (<i>Citrus sinensis</i> (L.) Osbeck, pulpa fructus), Grapes (<i>Vitis vinifera</i> , pulpa fructus; Trehalose)]		
Origin of fruits:	Organic agriculture		
Country of origin of the fruits:	Italy		
Cryoprotectant and carrier:	Trehalose		
Nominal quantity and size:	1 x 10 ¹⁵ plant-derived extracellular vesicles in powder form (1.5 kg, 10 mg/dose)		
Shelf life:	Within 24 months from production if stored in optimal conditions		
Guidance on Storage:	Store the product at room temperature (20 -25 °C), tightly closed, away from heat sources, not exposed to light and humidity		
Lot number:	/		
Storage and preservation requirements			
Storage temperature:	At room temperature (20 - 25°C) (See "Guidance on Storage" section for details)		
Transport temperature:	At room temperature (20 - 25°C)		
Organoleptic characteristics			
Color:	Light pink		
Appearance:	Freeze-dried powder		
Consistence:	Freeze-dried powder		
Chemical-Physical Characteristics		Microbiological characteristics	
Humidity	< 3 %MC Test method: Rapporti ISTISAN 1996/34 pag 7 Met. A	Yeasts	< 1500 CFU/ml Test method: ISO 21527-1:2008



Ash	0.1 - 0.5 % Test method: Rapporti ISTISAN 1996/34 pag 77	Molds	< 15 CFU/ml Test method: ISO 21527-1:2008
Heavy metals	Cadmium (Cd): < LOQ Mercury (Hg): < LOQ Lead (Pb): < 0.0000006 mg/capsule Test method: UNI EN 13805:2014 + UNI EN 15763:2010	Enterobacteriaceae	< LOQ Test method: UNI EN ISO 21528-2:2017/EC 1:2018
Polycyclic Aromatic Hydrocarbons	< LOQ Test method: UNI EN 16619:2015	Escherichia coli Beta-glucuronidase positive	< LOQ Test method: UNI ISO 16649-2:2010
Multiresidual analysis of pesticides	< LOQ Test method: UNI EN 15662:2018	Salmonella spp	Absent Test method: UNI EN ISO 6579-1:2020
		Aflatoxins B1, B2, G1, G2	< LOQ Test method: MID 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

Packing and transport requirements

Primary packaging: amber glass containers

Secondary packaging: isothermal polystyrene containers

Tertiary packaging: carton containers

Abbreviations

LOQ = Limit of Quantification