



Technical Data Sheet

Release date 28/05/2024

Revision 0 of 28/05/2024

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| Product Name: Exocomplex® SWEETDREAM | | Product code: NUTR_EC_SD | |
| Description Product: Freeze-dried fruit extract: [Asparagus (<i>Asparagus officinalis</i> L., rhizome), Lemon (<i>Citrus limon</i> (L.) Osbeck, pulpa fructus), Kiwi (<i>Actinidia chinensis</i> Planch., pulpa fructus), Cherry (<i>Prunus avium</i> (L.) L, pulpa fructus), Blood orange (<i>Citrus sinensis</i> (L.) Osbeck - "Blood Orange", pulpa fructus), Papaya (<i>Carica papaya</i> L., pulpa fructus), Blond orange (<i>Citrus sinensis</i> (L.) Osbeck, pulpa fructus)] | | | |
| General characteristics | | | |
| Composition: | Freeze-dried fruit extract: [Asparagus (<i>Asparagus officinalis</i> L., rhizome), Lemon (<i>Citrus limon</i> (L.) Osbeck, pulpa fructus), Kiwi (<i>Actinidia chinensis</i> Planch., pulpa fructus), Cherry (<i>Prunus avium</i> (L.) L, pulpa fructus), Blood orange (<i>Citrus sinensis</i> (L.) Osbeck - "Blood Orange", pulpa fructus), Papaya (<i>Carica papaya</i> L., pulpa fructus), Blond orange (<i>Citrus sinensis</i> (L.) Osbeck, 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: | Neutral | | |
| 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/g Test method: ISO 21527-1:2008 |



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| Ash | 0.1 - 0.5 % Test method: Rapporti ISTISAN 1996/34 pag 77 | Molds | < 20 CFU/ml Test method: ISO 21527-1:2008 |
| Heavy metals | Cadmium (Cd): < LOQ Mercury (Hg): < LOQ Lead (Pb): < 0.0000006 mg/dose 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