

Product Specifications

matripure®

Cosmetics-grade soluble elastin hydrolyzate

Product No.: 2020110

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1. Physical and Chemical Properties

Parameter	Specification	Test Method
Appearance	Powder	Organoleptic
Color	Yellow to orange	Organoleptic
Odor	Odorless	Organoleptic
Water content	≤ 10 %	LOD: 10 g, 100 °C, 1 h
Conductivity	<1 mS	Conductivity electrode
pH (20°C)	7-8	pH electrode, 5 w% <i>matripure</i> ® solution

2. Microbiological Purity

Parameter	Specification	Test Method
Total Aerobic Mesophilic Microorganisms (bacteria + yeast + molds)	≤ 100 CFU/g	Calculated according to ISO 17516:2014-10
Total Aerobic Mesophilic Bacteria	≤ 100 CFU/g	ISO 21149:2022-08
Yeast and Mold	≤ 100 CFU/g	ISO 16212:2022-08
<i>Pseudomonas aeruginosa</i>	Absence	ISO 18415:2022-08
<i>Staphylococcus aureus</i>	Absence	ISO 18415:2022-08
<i>Escherichia coli</i>	Absence	ISO 18415:2022-08
<i>Candida albicans</i>	Absence	ISO 18415:2022-08
<i>Aspergillus niger</i>	Absence	ISO 18415:2022-08
<i>Salmonella</i>	Absence	BAV-IM-5.4-09-01:2020-05 validated against ISO 6579

3. Heavy Metals

Parameter	Specification	Test Method
Arsen	≤ 1 mg/kg (ppm)	ICP-MS
Antimony	≤ 1 mg/kg (ppm)	ICP-MS
Cadmium	≤ 1 mg/kg (ppm)	ICP-MS
Lead	≤ 1 mg/kg (ppm)	ICP-MS
Mercury	≤ 1 mg/kg (ppm)	ICP-MS