

CERTIFICATE OF ANALYSIS

Product: Sodium Hyaluronate (Hyaluronic Acid) HMW – Verified by ECOCERT
Lot No.: 16148F10520
Best Before: May, 2022
 Store in air tight containers; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	White or almost white powder or granule.	Complies
Odor:	Odorless.	Complies
Solubility:	Soluble in water.	Complies
Molecular Weight:	0.75 to 1.5 million Daltons	1.15 million Daltons
Sodium Hyaluronate:	≥ 91 %	Complies
pH (0.5 % aq. Sol.):	6.0 – 7.5 @ 25°C	6.7
Residue on Ignition:	≤ 20.0 %	19.09
Loss of Drying:	≤ 10.0 %	8.83
Chlorides:	≤ 0.5 %	Complies %

Disclaimer & Caution

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<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	White or almost white powder or granule.	Complies
Odor:	Odorless.	Complies
Solubility:	Soluble in water.	Complies
Molecular Weight:	0.8 to 1.5 million Daltons	1.00 million Daltons
Sodium Hyaluronate:	≥ 91 %	97.70
pH (0.5 % aq. Sol.):	5.0 – 8.5 @ 25°C	6.70
Residue on Ignition:	≤ 20.0 %	17.30
Loss of Drying:	≤ 10.0 %	6.30
Chlorides:	≤ 0.5 %	0.40 %

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Odor:	Odorless.	Complies
Solubility:	Soluble in water.	Complies
Molecular Weight:	0.8 to 1.5 million Daltons	1.10 million Daltons
Sodium Hyaluronate:	≥ 91 %	97.8
pH (0.5 % aq. Sol.):	5.0 – 8.5 @ 25°C	6.60
Residue on Ignition:	≤ 20.0 %	16.70
Loss of Drying:	≤ 10.0 %	6.00
Chlorides:	≤ 0.5 %	Complies

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Odor:	Odorless.	Complies
Solubility:	Soluble in water.	Complies
Molecular Weight:	0.8 to 1.5 million Daltons	1.0 million Daltons
Sodium Hyaluronate:	≥ 91 %	94.0
pH (0.5 % aq. Sol.):	5.0 – 8.5 @ 25°C	6.4
Residue on Ignition:	≤ 20.0 %	9.10
Loss of Drying:	≤ 10.0 %	7.50
Chlorides:	≤ 0.5 %	0.30 %

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