

CERTIFICATE OF ANALYSIS

Product: Sodium Hyaluronate (Cosmetic Grade, Powder)

Batch No: 20191010

Source: Fermented

Manufacturing Date: Oct., 2019

Expiry Date: Oct., 2021

Quantity: 3 Kgs

Items	Specifications	Results
Appearance:	white powder or granular	Complies
Glucuronic acid:	42%min.	47.2%
Assay:	99.0%min.	99.6%
Molecular weight:	1000000 min.	1350000
Transparency(in 0.1%aq.sol):	99.0%min.	99.8%
PH:	6.0-7.5	6.6
Loss on drying:	<10%	6.3%
Protein:	0.1%max.	0.05%
Heavy metals(Pb):	<20ppm	Complies
Arsenic:	<2ppm	<2ppm
Kinematic Viscosity:	10000MPa.S min.	18300MPa.S
Bacterial counts:	<100cfu/g	Complies
Mold and Yeast:	<10cfu/g	Complies
Staphylococcus Aureus:	Negative	Negative
Peudomonas Aeruginosa:	Negative	Negative

Conclusion:It Complies with the Enterprise's Standard .