

ASES CHEMICAL WORKS

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CERTIFICATE OF ANALYSIS

1. Name of the Product	Sodium Hyaluronate
2. INCI Name	Hyaluronic Acid Sodium
3. Molecular Formula	$(C_{14}H_{23}NO_{11})_x \cdot Na_x$
4. Molecular Weight	
5. CAS Number	9067-32-7
6. Mfg. Date	As mentioned on Label
7. Date Of Exp	3 Years from MFG
8. Date of Analysis	June - 2024

Test	Result	Specification
Color	white	white
Form	powder	powder
Sodium Hyaluronate	95%	min. 90 %
Glucuronic Acid Content	48%	min. 40 %
Loss on Drying	7%	max. 10 %
Solubility (c = 0.5 in water)	corresponds	clear, colorless liquid
Protein Content	0.00%	max. 1.0 %
Residue on Ignition	17%	max. 20 %
pH-Value	6.6	5.0 to 7.0