



3 East Burrowfield

Welwyn Garden City

Hertfordshire

AI7 4TB

Email: contact@skinandhairmanufacturinghub.com

CERTIFICATE OF ANALYSIS

Product Name	Hyaluronic Acid Sodium		
CAS NO.	9004-61-9	Exp Date	2022-06-05
Batch No.	SHMH20200605HAS	Mfg.Date	2020-06-05

Items	Specification	Results
Appearance	White powder	Conforms
Sodium hyaluronate	≥92.0%	95.93%
Transparency (0.5% aq. sol., 25°C)	T _{550nm} ≥ 99.0%	100%
PH(0.5% aq. sol. 25°C)	6.0-7.5	6.26
Loss on drying	≤10.0%	7.39%
Molecular weight, Da	Measured value	1.31 x10 ⁶
Protein	≤0.1%	0.034%
Glucuronic acid	≥44.5%	46.4%
Kinematic viscosity	Measured value	58.4mm ² /s
Strong heat residue	≤20%	11.5%
Heavy metal	20mg/kg Max	Conforms
Total bacteria count	≤100cfu/g	40cfu/g
Mould & yeast	≤50cfu/g	10cfu/g
Staphylococcus aureus	Negative	Negative
Pseudomonas aeruginosa	Negative	Negative
Conclusion	The result conform with standard	

.Storage: stored in cool and dry place at 4~8°C

Shelf time: 2 years

