

Certificate of Analysis

Name	Crosslinked Sodium Hyaluronate	CAS No.	--
Grade	Custom Grade	Standard	In house
Lot No.	CSH2412314	Quantity	510g
MFG Date	2024/12/31	EXP Date	2026/12/30

Item	Specification	Results
Identification		
Infrared absorption	Consistent with the standard spectrum	Complies
Ph	6.0-7.6	6.1
Protein	≤0.05%	0.03%
Residual solvents (ethanol)	≤0.05%	0.008%
Residual crosslinker (BDDE)	≤20 ppm	absent
Swelling degree	The test value	54.66
Sodium hyaluronate content	The test value	82.4%
Bacterial endotoxin	<0.05EU/mg	<0.05EU/mg
Streptococcus hemolyticus	No hemolytic ring	Complies
Transmittance (0.5% solution)	≥99.0%	100.0%
Loss on drying	≤10.0%	5.2%
Heavy metals	≤20 ppm	Complies
Intrinsic viscosity	0.5-2.8 dL/g	0.85dL/g
Total aerobic microbial count	≤100 cfu/g	20 cfu/g
Mold and Yeast	≤20 cfu/g	<10 cfu/g
Gram-negative bacteria	Absent/g	Complies
Staphylococcus aureus	Absent/g	Complies
Pseudomonas aeruginosa	Absent/g	Complies

Conclusion: The results meet the requirements of the specifications.



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