

CERTIFICATE OF ANALYSIS

NO.: C-250425510

Product name: Sodium hyaluronate

Grade: Cosmetic grade

Abbreviation: SH-TE

Production date: April 22,2025

Batch No.: 25042211

Retest Date: April 22,2027

Quantity: 288.2kg

Standard: Reference to ZL-01-026

Item	Standard	Result
1.Appearance	White or almost white powder or granule	Complies
2.Sodium hyaluronate	$\geq 95.0\%$	97.4%
3.Appearance of solution	$A_{600nm} \leq 0.01$	0.000
4.Nucleic Acids	$A_{260nm} \leq 0.5$	0.14
5.pH(0.5% ap.sol.,25℃)	5.0~8.5	6.8
6.Molecular weight	1.50M~1.80M Da	1.70M Da
7.Protein	$\leq 0.1\%$	0.04%
8.Loss on drying	$\leq 10.0\%$	6.8%
9.Residue on Ignition	$\leq 20.0\%$	<20.0%
10.Chlorides	$\leq 0.5\%$	Complies
11.Iron	$\leq 80ppm$	<80ppm
12.Heavy metal	$\leq 20ppm$	Complies
13.Arsenic	$\leq 2ppm$	<2ppm
14.Bacteria counts	$\leq 100cfu/g$	<10cfu/g
15.Molds & Yeasts	$\leq 50cfu/g$	<10cfu/g
16.Staphylococcus aureus	Negative/g	Negative
17.Pseudomonas aeruginosa	Negative/g	Negative

Conclusion: up to the standard, reference to EP.

Reported by:

王盼盼 2025.04.25

Approved by:

孔亚楠 2025.04.25