

la despensa del Jabón **BOLETÍN DE ANÁLISIS**

1407- ÁCIDO HIALURONICO ALTO PESO MOLECULAR

Product Name: Sodium hyaluronate (Hyaluronic acid)

Grade: Cosmetic Grade

Batch No.: 2023032901

Manufacturing Date: 2023.03.29

Total Quantity: 321 kg

Expiry Date: 2026.03.28

Parameter		Specification	Result
1 Appearance		White or almost white powder	Complies
2 Identification	A. Infrared absorption	Consistent with the reference spectrum of sodium hyaluronate.	Complies
	B. Reaction of sodium	Positive	Complies
3 Glucuronic acid		≥46.0%	47.0 %
4 Sodium hyaluronate		≥95.0 %	97.2 %
5 pH		5.0 – 8.0	6.3
6 Absorbance		$A_{280nm} \leq 0.25$	0.08
7 Transparency		$T_{550nm} \geq 99.0 \%$	99.9 %
8 Loss on drying		≤10.0 %	7.9%
9 Intrinsic viscosity		Measured value	19.9 dL/g
10 Molecular weight		0.85-1.6MDa	1.2 MDa
11 Protein		≤ 0.1 %	0.04 %
12 Heavy metal		≤ 10 ppm	<10 ppm
13 Arsenic		≤1 ppm	<1 ppm
14 Bacteria counts		≤10 cfu/g	Complies
15 Mold & Yeast		≤10 cfu/g	Complies
16 Staphylococcus aureus		Negative	Negative
17 Pseudomonas aeruginosa		Negative	Negative

Analyzed by: Lisan

Inspected by: Wangbin

Approved by: Qulecheng

