

Luck Herb Biotechnology Co.,Ltd Certificate of Analysis

Product Name	Food Grade Sodium Hyaluronate		
Batch No.	HA20250516	Expiry Date	2028.5.15
Manufacture Date	2025.5.16	Test Date	2025.5.30
Test Items	Requirements	Test Results	
Appearance	White powder or granules	Complied	
Infrared Absorption	The infrared absorption spectrum should be consistent with the control spectrum	Complied	
Sodium salt identification reaction	Should show the positive reaction of sodium salt	Complied	
Smell	Negative	Negative	
Particle size	80mesh	Complied	
Glucuronic acid content(%)	≥42.0	47.06	
Sodium hyaluronate content(%)	≥87.0	97.31	
Average molecular weight	(0.5-1.0)*10 ⁶ Dalton	0.8000*10 ⁶ Dalton	
Intrinsic viscosity(L/g)	Measured values	14.48	
Kinematic viscosity(mm ² /s)	Measured values	29.10	
Absorbance(5mg/ml, Water Solution, 280mm)	≤0.25	0.068	
Transparency(%)	≥99.0	100	
Dry weight loss(%)	≤10.0	7.68	
PH(1mg/ml, Water Solution, 25°C)	6.0-8.0	6.52	
Heavy metal(in lead, mg/kg)	≤10	<10	
Protein content(%)	≤0.10	0.045	
Residue on ignition(%)	≤18	16.21	
Ash content(%)	≤13.0	12.11	
Bulk density(g/cm ³)	Measured values	0.494	
Tap density(g/cm ³)	Measured values	0.601	
Pb(Pb, mg/kg)	≤1	<1	
As(As, mg/kg)	≤2	<2	

Hg(Hg,mg/kg)	≤0.1	<0.1
Cr(Cr,mg/kg)	≤1	<1
Total Colony Number(CFU/g)	≤100	<10
Fungi and Yeasts(CFU/g)	≤100	<10
Staphylococcus Aureus(CFU/g)	Negative	Negative
Bacterial endotoxin(EU/mg)	≤0.5	
Viable Hemolytic Streptococci	Negative	Negative
Pseudomonas Aeruginosas(CFU/g)	Negative	Negative
Decision conclusion	Qualified	

Examiner:

王越所2025.6.4

Checker:

李敏2025.6.4