



保定飞思孚工贸有限公司

BAODING FAITHFUL INDUSTRY CO., LTD.

Certificate of Analysis

Product: Sodium Hyaluronate(Food Grade)

Production method: By Fermentation

Quantity: 100kgs

Batch No.: BSC2020071249

Manufacturing Date:27/06/2020

Report Date:27/06/2020

CAS#:9067-32-7

Validity: 26/06/2022 (be kept under 25°C)

Test Items	Specification	Test Result
Appearance	White or almost white powder or granule	Complied
PH	6.0~8.0	6.4
Transmittance	T _{600nm} ≥99.0%	99.9%
Loss on drying	≤10.0%	7.3%
Glucuronic acid	≥44.5%	46.7%
Sodium hyaluronate	≥92.0%	96.6%
Molecular weight, Dalton	measured value	1.03*10 ⁶ Dalton
Intrinsic viscosity	measured value	17.6dL/g
The bulk density	measured value	0.27g/cm ³
The tap density	measured value	0.41g/cm ³
Protein	≤0.1%	0.05%
Ash	≤13.0%	<13.0%
Heavy Metal(as Pb)	≤10mg/kg	<10mg/kg
Arsenic	≤2mg/kg	<2mg/kg
Bacteria counts	≤100cfu/g	Complied
Mold & Yeast	≤50cfu/g	Complied
Staphylococcus aureus	Negative/g	Negative
Escherichia coli	Negative/g	Negative
Salmonella	Negative/25g	Negative
Conclusion	Qualified With Enterprise Standard	

We hereby certify that the above test results were analyzed and approved by the department of quality management.

Certificate Prepared By:

Cao Yu Zhen

Certificate Approved By:

Ma Ling

Certifying Officer:

Zhou Xi Lan

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