



Hangzhou Mobel Biotechnology Co.,Ltd

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Certificate Of Analysis

Product name	Hyaluronic Acid	Batch No.:	MB20190905
Quantity	26.0 Kgs	Specification:	The Enterprise Standard
Manufacture Date	2019-09-08	Expiry Date	2021-09-07
Test Items	Standard	Result	
Appearance	White powder	White powder	
Solubility	Soluble in water, practically insoluble in acetone and in anhydrous ethanol	Complies	
Transparency (0.1% solution)	≥99%	99.17%	
Bulk Density	0.10-0.60g/cm ³	0.10-0.60g/cm ³	
Glucuronic Acid	≥44.5%	46.2	
Hyaluronic Acid	≥92%	96.7%	
PH(0.1% solution)	5.0-8.0	6.6	
Loss on drying	≤10%	7.0%	
Molecular Weight	Measured value	5060 Dal	
Intrinsic viscosity	Measured value	0.26dL/G	
Kinematic viscosity	Measured value	0.95mm ² /S	
Protein	≤0.1%	<0.02%	
Heavy metal	≤20ppm	<10ppm	
Bacterial counts	≤100cfu/g	<10cfu/g	
Mold and Yeast	≤10cfu/g	<10cfu/g	
Staphylococcus aureus	Negative	Negative	
Pseudomonas aeruginosa	Negative	Negative	
Hemolysis	Negative	Negative	
Viable Hemolytical Streptococci	Negative	Negative	
Sterile Test	Complies	Complies	
Conclusion	The results conform to THE ENTERPRISE standard		

Analyst: Zhangli



Checker: Maoxiaojia

QC.Manager: Liuyun