



Xi'an Quanao Biotech Co., Ltd.

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Certificate of Analysis

Product Name	Hyaluronic Acid Powder		
CAS No.	9004-61-9	M.F.	C14H22NNaO11
Production Date	2021-01-15	Batch No.	QG20210115
Expiry Date	2023-01-14	Report Date	2021-01-23
Original			
ITEMS	SPECIFICATIONS		RESULTS
Appearance	White Fine powder		Complies
Odor & Tasted	Characteristic		Complies
Assay(%)	≥99.0 HPLC		99.89
Specification(Dalton)	200,000 to 500,000		Complies
Loss on Drying(%)	≤10.0		5.8
Protein(%)	≤0.1		0.06
Residue on Ignition(%)	≤20.0		18.1
PH	5.0-8.5		6.8
Solubility	Soluble in water		Complies
Appearance of Solution(%)	T550nm≥99.0		99.8
Particle size(%)	100% through 80 mesh sieves		Complies
Heavy Metals			
Heavy Metal(ppm)	≤10.0		Complies
Pb(ppm)	≤1.0		Complies
As(ppm)	≤1.0		Complies
Hg(ppm)	≤0.1		Complies
Cd(ppm)	≤1.0		Complies
Microbiological Tests			
Total Plate Count(cfu/g)	≤1000		Complies
Yeasts and Moulds(cfu/g)	≤100		Complies
E.coli(cfu/g)	Negative		Complies
Salmonella	Negative		Complies
Conclusion	Conform to the standard.		
Packing	25kg/drum		
Storage and Handling	Store in a cool and dry place, keep away from direct strong and heat.		
Shelf life	Two years if sealed and store away from direct sun light.		

QC: Li Ting

QA: Tian Wen

