

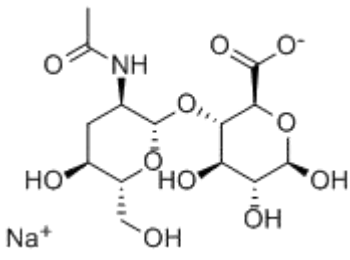


Wuhan HengHeDa Pharm Co., Ltd

Tel:86-27-84888681 Fax:86-27-84888682

Wuhan Economic& Technological Development Zone, Wuhan, China

CERTIFICATE OF ANALYSIS

Product name	Hyaluronic acid	
CAS NO	9004-61-9	
Molecular formula	C ₁₄ H ₂₂ NNaO ₁₁	
Molecular weight	403.31	
Quantity	50kg	
Batch NO	HHD20210913	
Production date	2022.04.13	
Expiry Date	2024.04.12	
Test based on enterprise standard		
Test Item	Specification	Result
Appearance	White or almost white powder or granule	Conforms
Identification of sodium salts	Positive	Conforms
Sodium hyaluronate	≥95.0%	96.9%
pH	6.0~8.0	6.7
Transmittance	T _{600nm} ≥99.0%	99.9%
Loss on drying	≤10.0%	7.1%
Molecular weight	(0.70~1.40) *10 ⁶	1.25*10 ⁶

Ash	$\leq 13.0\%$	< 13.0%
Lead (as Pb)	$\leq 0.5\text{mg/kg}$	<0.5mg/kg
Arsenic (as As)	$\leq 0.3\text{mg/kg}$	<0.3mg/kg
Bacteria counts	$\leq 500\text{CFU/g}$	Conforms
Molds & Yeasts	$\leq 50\text{CFU/g}$	Conforms
Salmonella	Negative	Negative

Storage	Store in cool & dry place, keep away from strong light and heat.
Shelf life	2 years when properly stored.
Conclusion: This product complies with above specification.	

Inspector

Shen Wu

Director

King Yang

