HYALURONİK ASİT ANALİZ SERTİFİKASI

Product Name : Hyaluronik Asit

Cas Number : 9004-61-9

Molecular Formula : $C_{14}H_{22}NNaO_{11}$

Test Items	Specifications	Results
Physical & Chemical Test		
Identification	IR Identification or comparable test	Complies
Description	White, fine powder	Complies
pH	6.0~7.5	6.9
Transparency(in 0.1%aq.sol.,)	≥99.0%	99.9%
Intrinsic viscosity	Actual value	0.24dL/g
Molecular weight	(3~5)KDa	4.35KDa
Kinematic viscosity	Actual value	0.85mm^2/s
Mesh	≥60	Complies
Purity Test		
Loss on Drying	≤10.0%	7.25%
Residue on ignition	15.0~20.0%	18.95%
Heavy Metals	≤20ppm	<20ppm
Arsenic	≤2ppm	<2ppm
Protein	≤0.1%	0.03%
Assay	≥93.0%	97.5%
Glucuronic Acid	≥45.0%	47.1%
Microbiological Purity		
Total bacterial count	≤100CFU/g	<100CFU/g
Yeasts & mold	≤100CFU/g	<100CFU/g
E.coli	Negative	Negative
Staph	Negative	Negative
Pseudomonas Aeruginosa	Negative	Negative
Salmonella	Negative	Negative

Not: Bu belge üzerindeki spesifikasyonlar, üretici tarafından yapılan analiz sonuçlarındaki değerlerle bire bir aynıdır.