

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Hyaluronic acid sodium salt from Streptococcus equi,95%

ITEM NUMBER: H107141
 BRAND: Aladdin
 CAS NUMBER: 9067-32-7
 MDL NUMBER: MFCD00131348
 FORMULA: (C₁₄H₂₁NaNO₁₁)_n
 MOLECULAR WEIGHT: 403.31(Monomer)

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	White to Off-White Powder or Granules		
Appearance of Solution(A600)	0	0.01	0.01
Chloride(Cl)	0 %	0.5 %	0.5 %
Escherichia Coli	negative		
Glucuronic acid	0 %	0 %	>=42 %
Heavy metals	0 ppm	20 ppm	20 ppm
Iron(Fe)	0 ppm	80 ppm	80 ppm
Loss on drying	0 %	10 %	10 %
Molecular Weight	1.35e+006	1.65e+006	1.65e+006 6
Nucleic Acids(A257)	0	0.3	0.3
pH	6	8	8
Protein	0 %	0.15 %	0.15 %
Pseudomonas Aeruginosa	Negative		
Purity(dry basis)	95 %	105 %	105 %
Residue on Ignition	0 %	20 %	20 %
Staphylococcus Aureus	Negative		
total bacterial count	0 cfu/g /	100 cfu/g /	100 cfu/g / /

Total yeasts and molds count(TYMC)

0 cfu/g /

100 cfu/g /

100 cfu/g
/