

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2026-04-20 17:03:55
Date of Next Testing:	2028-04-19 17:03:55
Product Name:	o-Nitrobenzyl Alcohol-modified Sodium Hyaluronate (HANB)
CAS Number:	N1518260
Specifications & Purity:	BioReagent, Molecular weight 340 kDa; Degree of substitution 3.0%-4.0%; o-nitrobenzyl alcohol residue ≤ 1000 ppm
Lot #:	ZJ26F0434425
SKU #	N1518260
Version:	2
Analysis #:	033030

Parameter	Limit Value	Result
Loss on drying	$\leq 10(\%)$	9.40000 %
pH	5.0-7.5	6.80000
Intrinsic Viscosity	0.49-0.90(m ³ /kg)	0.78000 m ³ /kg
NB Labeling Rate	3.0-4.0(%)	3.10000
Ethanol residue	0-0.5(%)	0.00000 %
Bacterial colonies	$\leq 1000(\text{cfu/g})$	150.00000 CFU/g
Molds and yeast colonies	$\leq 100(\text{cfu/g})$	50.00000 CFU/g
Appearance(N1518260)	Pale yellow or yellow powder or fibrous aggregates, without any visible foreign matter	Pale yellow or yellow powder or fibrous aggregates, without any visible foreign matter
Solution appearance	Clear	Clear
Seal Integrity Testing	Conform	Conform
Sodium Identification Test	Conform	Conform
Chlorides $\leq 0.5\%$	Conform	Conform
NB residue $\leq 0.1\%$	Conform	Conform
Residual DMTMM $\leq 0.4\%$	Conform	Conform
Staphylococcus aureus Not detected	Conform	Conform
Pseudomonas aeruginosa Not detected	Conform	Conform
Escherichia coli Not detected	Conform	Conform



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A handwritten signature in black ink that reads "Sophia Cheng".

Sophia Cheng
Quality Assurance