

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-11 14:59:06

Date of Next Testing: 2028-11-10 14:59:06

Product Name: **Hydroxypropyl cellulose(HPC)**

CAS Number: 9004-64-2

Specifications & Purity:

Lot #: K2510391

SKU #: **H1373735**

Version: **1**

Analysis #: **601187**

Storage Temperature: Room temperature,Desiccated

Parameter	Limit Values	Result
viscosity	1.5-	2.60000
	2.8 (mPa·S)	mPa·S
Viscosity	75-140 (%)	130.00000
		%
Chloride	≤0.15 (%)	0.12000 %
Isopropanol	0-0.5 (%)	0.25000 %
Toluene content	0-	0.08500 %
	0.089 (%)	
Drying loss	≤5 (%)	2.20000 %
Residue on Ignition	≤0.8 (%)	0.77000 %
Silicon dioxide(When Residue on ignition > 0.2% Test)	0-0.6 (%)	0.24000 %
Arsenic(As)	0-	0.00010 %
	0.0002 (%)	
Assay(dry basis)	53.4-	70.30000
	80.5 (%)	%
Total aerobic bacteria	0-1000(cfu/g)	10.00000
		cfu/g
Mold and yeast count	0-	5.00000
	100 (cfu/g)	cfu/g
PH(1%,in Water)	5-8	6.80000
Heavy metals	0-10 (ppm)	8.00000
		ppm
Appearance(White or white powder or granules)	Pass	Pass
Identification-1(Blue-green rings appear at the interface of the two liquids)	Pass	Pass
Identification-2 (Form a thin film)	Pass	Pass



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Parameter

Limit Values Result

Identification(At 40°C, the solution becomes turbid or floc precipitate is formed. When the solution is cooled, the solution is cleared again.)

Pass

Pass

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager