

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-24 14:30:23

Date of Next Testing: 2027-09-24 14:30:23

Product Name: **Carbopol® 981 NF Polymer**

CAS Number:

Specifications & Purity: Brookfield Viscosity(0.2% mucilage, at 25°C) : 1000-6000 cp

Lot #: I2523707

SKU # **C766942**

Version **1**

Analysis #: **535989**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Brookfield Viscosity(0.2% mucilage, at 25°C)	1000-6000 (cP)	4260.00000 cP
Brookfield Viscosity(0.5% mucilage, at 25°C)	4000-10000 (cP)	7260.00000 cP
Ethyl acetate by GC	0-0.3 (%)	0.04 %
Cyclohexane	0-0.3 (%)	0.05000 %
Loss on drying	0-2 (%)	0.20 %
Carboxylic acid content	56-68 (%)	60.70000 %
Acrylic acid	0-2500 (ppm)	56.00000 ppm
Benzene(C ₆ H ₆)	0-500 (ppb)	250.00 ppb
Sulfated Ash	0-2 (%)	2.00000 %
Identification (IR)	Passes test	Passes test
Identification-Gel test	Pass	Pass
Identification-Colorimetric	Pass	Pass
Identification-Precipitate	Pass	Pass
Acidity(pH 2.5-3.5)	Pass	Pass



QualityAssurance@aladdinsci.com

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su
QA & QC Manager