

Certificate of Analysis

Date of Testing: 2025-08-20 09:11:28

Date of Next Testing: 2027-08-20 09:11:28

Product Name: **Carbopol® 980 NF Polymer**

CAS Number:

Specifications & Purity: Brookfield Viscosity(0.2% mucilage, at 25°C) : 13000-30000 cp

Lot #: H2515653

SKU # **C766938**

Version **1**

Analysis #: **498659**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Brookfield Viscosity(0.5% mucilage, at 25°C)	40000-60000 (cP)	52000.00000 cP
Clarity, % transmittance	≥85 (%)	95.30000 %
Ethyl acetate by GC	0-0.3 (%)	0.18 %
Cyclohexane	0-0.3 (%)	0.06000 %
Loss on drying	0-2 (%)	0.10 %
Carboxylic acid content	56-68 (%)	60.40000 %
Acrylic acid	0-2500 (ppm)	10.25600 ppm
Benzene(C ₆ H ₆)	0-500 (ppb)	12.54 ppb
Sulfated Ash	0-2 (%)	0.52600 %
Brookfield Viscosity(0.2% mucilage, at 25°C)	13000-30000 (cP)	21550.00000 cP
Identification-IR reference	Pass	Pass
Identification-Gel test	Pass	Pass
Identification-Colorimetric	Pass	Pass
Identification-Precipitate	Pass	Pass
Acidity(pH 2.5-3.5)	Pass	Pass



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

John Su
QA & QC Manager