

Certificate of Analysis

Date of Testing: 2025-08-18 18:19:05

Date of Next Testing: 2027-08-18 18:19:05

Product Name: **Carbopol® 71G NF Polymer**

CAS Number:

Specifications & Purity: Brookfield Viscosity(0.5% mucilage, at 25°C) : 4000-11000 cp

Lot #: H2513475

SKU #: **C766929**

Version: **1**

Analysis #: **498684**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Brookfield Viscosity(0.5% mucilage, at 25°C)	4000-11000 (cp)	5600.00000 cP
Ethyl acetate by GC	0-0.5 (%)	0.29 %
Loss on drying	0-2 (%)	0.10 %
Carboxylic acid content	56-68 (%)	60.00000 %
Acrylic acid	0-1000 (ppm)	71.00000 ppm
Sulfated Ash	0-2.5 (%)	1.05200 %
Particle size (100 mesh)	0-10 (%)	2.00000 %
Identification-IR reference	Pass	Pass
Identification-Gel test	Pass	Pass
Identification-Colorimetric	Pass	Pass
Identification-Precipitate	Pass	Pass
Particle Size(40mesh)	Pass	Pass



John Su
QA & QC Manager