

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-18 16:16:54
 Date of Next Testing: 2027-08-18 16:16:54
 Product Name: **Carbopol® ETD 2020 NF Polymer**
 CAS Number:
 Specifications & Purity: Brookfield Viscosity(1.0% mucilage, at 25°C) : 47000-77000 cp
 Lot #: H2515650
 SKU #: **C766953**
 Version: **1**
 Analysis #: **498672**
 Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Brookfield Viscosity(1.0% mucilage, at 25°C)	47000-77000 (cP)	60450.00000 cP
Brookfield Viscosity(1.0% W/1.0% salt, at 25°C)	4000-10000 (cP)	5810.00000 cP
Ethyl acetate by GC	0-0.35 (%)	0.15000 %
Cyclohexane	0-0.15 (%)	0.02000 %
Loss on drying	0-2 (%)	0.30000 %
Carboxylic acid content	52-62 (%)	56.40000 %
Acrylic acid	0-2500 (ppm)	12.36000 ppm
Benzene(C ₆ H ₆)	0-500 (ppb)	10.52600 ppb
Wet-out test(<60 minutes)	Pass	Pass
Identification (IR)	Passes test	Passes test
Identification-Gel test	Pass	Pass



John Su
QA & QC Manager