

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-28 17:31:37
 Date of Next Testing: 2028-02-28 17:31:37
 Product Name: **Poly(acrylic acid) solution (PAA)**
 CAS Number: 9003-01-4(water)
 Specifications & Purity: average Mw ~100,000, 35 wt. % in H2O
 Lot #: B2525475
 SKU #: **P434402**
 Version: **1**
 Analysis #: **473776**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(Titration by NaOH)	31-39 (%)	37.10000 %
Viscosity(c = 20 %; Water)	35-70 (cP)	65.00000 cP
pH (c = 10%; in Water)	1.5-2.5	1.70000
Acidity(Residual Acrylic Acid)	0-0.05 (%)	0.04000 %
Appearance(P434402)	Colorless to Light Yellow Viscous Liquid	colorless to light yellow Viscous liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solvent(H2O)	Conform	Conform



John Su
QA & QC Manager