

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-12-22 14:03:10  
Date of Next Testing: 2027-12-21 14:03:10  
Product Name: **Poly(acrylic acid)**  
CAS Number: 9003-01-4  
Specifications & Purity: Approx Mw 4,000,000  
Lot #: L2313110  
SKU #: **P639633**  
Analysis: **308333**

Parameter	Limit Values	Result
Average Molecular Weight	3500000-4500000	4000000.00
Density	1.40-1.42	1.41
PH(1% in Water)	2.5-3	2.81
Refractive index n <sub>20</sub> /D	1.526-1.528	1.53
Appearance(P639633)	Powder	Powder
Soluble in Dioxane, ethanol, methanol, water	Pass	Pass



John Su  
QA & QC Manager