

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-11-14 10:49:29  
Date of Next Testing: 2024-11-03 10:49:29  
Product Name: **Poly(4-styrenesulfonic acid-co-maleic acid) sodium salt**  
CAS Number: 68037-40-1  
Specifications & Purity: 4- styrene sulfonic acid:maleic acid (mole ratio1:1)  
Lot #: A2114039  
SKU #: **P107093**  
Analysis: **154638**

Parameter	Limit Values	Result
Solid Content	90-100 (%)	91.30%
PH(1%,in Water)	6-8.5	6.60
Average Molecular Weight	19500-20500	19600.00
Appearance (P107093)	Beige to Tan Powder	Beige to Tan Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager