

Certificate of Analysis

Date of Testing: 2024-08-12 15:07:55
Date of Next Testing: 2026-08-02 15:07:55
Product Name: **Poly(4-styrenesulfonic acid-co-maleic acid) sodium salt**
CAS Number: 68037-40-1
Specifications & Purity: average Mw ~20,000, powder, molar ratio 3:1
Lot #: J2227634
SKU #: **P107092**
Version: **0**
Analysis #: **398135**

Parameter	Limit Values	Result
Average Molecular Weight	19500-20500	20000.00
PH(1%,in Water)	5-9	8.40
Viscosity(25 wt.% in H2O)	28-32 (cP)	29.30 cP
Solid Content	90-100 (%)	95.40 %
Appearance (P107092)	yellow to tan powder	yellow to tan powder
ICP:Confirms Na and S Component	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager