

## Certificate of Analysis

Date of Testing: 2023-06-08 10:32:32  
Date of Next Testing: 2025-05-28 10:32:32  
Product Name: **Sodium p-Styrenesulfonate Hydrate**  
CAS Number: 123333-94-8  
Specifications & Purity: 90%  
Lot #: F2302287  
SKU #: **S107000**  
**Analysis:** **178064**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.85500 %
Water by Karl Fischer	8-12 (%)	11.29 %
Carbon by Elemental Analysis(anhydrous)	41.9-51.3 (%)	47.05 %
Purity(Bromination Method)	90-100 (%)	90.01 %
Appearance (S107000)	White to Light Yellow Powder or Chunks	White to Light Yellow Powder or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager