

## Certificate of Analysis

Date of Testing: 2022-12-01 14:22:37  
Date of Next Testing: 2025-11-30 14:22:37  
Product Name: **Sodium 4-vinylbenzenesulfonate hydrate**  
CAS Number: 304675-74-9  
Specifications & Purity: 98%  
Lot #: K2228749  
SKU #: **S192633**  
Version: **0**  
Analysis #: **130796**

Parameter	Limit Values	Result
Carbon by Elemental Analysis(anhydrous)	41.9-51.3 (%)	47.67%
Purity(HPLC)	98-100 (%)	99.60100%
Water by Karl Fischer	8-12 (%)	10.02%
Appearance (S192633)	White to Light Yellow Powder or Chunks	White to Light Yellow Powder or Chunks
ICP:Confirms Sodium Component	Confirmed	Confirmed
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager