

Certificate of Analysis

Date of Testing: 2025-01-14 18:58:14

Date of Next Testing: 2027-01-14 18:58:14

Product Name: **Benzenesulfonic Acid Monohydrate**

CAS Number: 26158-00-9

Specifications & Purity: $\geq 98\%$ (HPLC)

Lot #: A2509075

SKU #: **B137141**

Version: **1**

Analysis #: **292225**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.77000 %
Water by Karl Fischer	9-12 (%)	11.60 %
Purity(Neutralization titration)(calcd.on anh.substance)	98-100 (%)	98.90 %
Melting point	49-55 (°C)	53.51000 °C
Appearance (B137141)	White to Gray to Red to Orange to Brown Powder or Crystals or Semi Solid or Chunk(s)	White to Gray to Red to Orange to Brown Powder or Crystals or Semi Solid or Chunk(s)
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O , transparency	pass	Pass



John Su
QA & QC Manager