

## Certificate of Analysis

Date of Testing: 2025-09-09 11:31:20

Date of Next Testing: 2027-09-09 11:31:20

Product Name: **Benzenesulfonic Acid Monohydrate**

CAS Number: 26158-00-9

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

Lot #: K2322362

SKU #: **B137141**

Version **1**

Analysis #: **568960**

| Parameter                                                | Limit Values                                                                         | Result                                                                               |
|----------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Purity(HPLC)                                             | 98-100 (%)                                                                           | 98.89600 %                                                                           |
| Water by Karl Fischer                                    | 9-12 (%)                                                                             | 11.60 %                                                                              |
| Melting point                                            | 42-55 (°C)                                                                           | 53.50800 °C                                                                          |
| Purity(Neutralization titration)(calcd.on anh.substance) | 98-100 (%)                                                                           | 98.90 %                                                                              |
| 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