

## Certificate of Analysis

Date of Testing: 2024-11-28 16:39:26

Date of Next Testing: 2028-11-27 16:39:26

Product Name: **1,2-Ethanedisulfonic acid hydrate**

CAS Number: 110-04-3

Specifications & Purity:  $\geq 95\%$ (T)

Lot #: K2421088

SKU #: **E156417**

Version: **0**

Analysis #: **042066**

Storage Temperature: Argon charged

| Parameter                                                | Limit Values          | Result                |
|----------------------------------------------------------|-----------------------|-----------------------|
| Water by Karl Fischer                                    | 0-17 (%)              | 14.27 %               |
| Purity(Neutralization titration)(calcd.on anh.substance) | 95-105 (%)            | 97.83 %               |
| Melting point                                            | 111-115 (°C)          | 112.40000 °C          |
| Proton NMR spectrum                                      | Conforms to Structure | Conforms to Structure |



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