

## Certificate of Analysis

Date of Testing: 2022-07-18 18:27:35  
Date of Next Testing: 2026-07-17 18:27:35  
Product Name: **L-Ethionine**  
CAS Number: 13073-35-3  
Specifications & Purity: 99%  
Lot #: G2213281  
SKU #: **E117218**  
**Analysis:** **092684**  
Storage Temperature: Store at -20°C

| Parameter   | Limit Values          | Result                |
|---|-----------------------|-----------------------|
| Specific Rotation [a] <sub>D</sub> 20 (c=1 in 1mol/L HCl) | 20-23 (°)             | 22.67°                |
| Purity(HPLC)  | 99-100 (%)            | 99.65600 %            |
| Appearance (E117218)                                      | White powder          | White powder          |
| Mass spectrum   | Conforms to standard  | Conforms to standard  |
| Proton NMR spectrum                                       | Conforms to structure | Conforms to Structure |



John Su  
QA & QC Manager