

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-06-24 16:27:28

Date of Next Testing: 2030-06-23 16:27:28

Product Name: **L-Ethionine**

CAS Number: 13073-35-3

Specifications & Purity:  $\geq 99\%$ 

Lot #: F2616032

SKU #: **E117218**Version: **1**Analysis #: **731220**Storage Temperature: Store at  $-20^{\circ}\text{C}$ 

| Parameter                                                              | Limit Values          | Result                |
|------------------------------------------------------------------------|-----------------------|-----------------------|
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } 1\text{mol/L HCl})$ | 20-23 ( $^{\circ}$ )  | 22.66000 $^{\circ}$   |
| Purity(HPLC)                                                           | 99-100 (%)            | 99.65000 %            |
| 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