

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-14 11:12:56  
 Date of Next Testing: 2026-05-14 11:12:56  
 Product Name: **S-(5'-Adenosyl)-L-homocysteine**  
 CAS Number: 979-92-0  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: D2428016  
 SKU #: **S139501**  
**Analysis: 296405**  
 Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$

| Parameter  | Limit Values                           | Result                                 |
|--|--|--|
| Carbon by Elemental Analysis(anhydrous)                                    | 43.24-44.24 (%)                        | 43.86 %                                |
| Water by Karl Fischer  | 0-5 (%)                                | 2.19 %                                 |
| Purity(HPLC)   | 98-100 (%)                             | 98.35900 %                             |
| Nitrogen by Elemental Analysis (anhydrous)                                 | 21.36-22.36 (%)                        | 21.61 %                                |
| EmM(257 - 261 nm,H <sub>2</sub> O)   | 13.8-15.8                              | 15.78                                  |
| Appearance (S139501)   | White to white with yellow cast powder | White to white with yellow cast powder |
| Proton NMR spectrum  | Conforms to Structure                  | Conforms to Structure                  |
| Solubility in 1 N HCl , Colorless to Faint Yellow, Clear to Hazy, 20 mg/ml | pass                                   | Pass                                   |



John Su  
QA & QC Manager