

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-17 14:47:51
 Date of Next Testing: 2025-02-16 14:47:51
 Product Name: **S-(5'-Adenosyl)-L-homocysteine**
 CAS Number: 979-92-0
 Specifications & Purity: ≥98%
 Lot #: B23111014
 SKU #: **S139501**
Analysis: 141393
 Storage Temperature: Protected from light, Store at -20°C

| Parameter | Limit Values | Result |
|----------------------------------------------------------------------------|----------------------------------------|----------------------------------------|
| Carbon by Elemental Analysis(anhydrous) | 43.24-44.24 (%) | 43.66 % |
| Purity(HPLC) | 98-100 (%) | 99.35500 % |
| Nitrogen by Elemental Analysis (anhydrous) | 21.36-22.36 (%) | 21.77 % |
| Water by Karl Fischer | 0-5 (%) | 4.95 % |
| EmM(257 - 261 nm,H ₂ O) | 13.8-15.8 | 13.85 |
| 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