

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-06 14:15:54
 Date of Next Testing: 2025-06-05 14:15:54
 Product Name: **S-(5'-Adenosyl)-L-homocysteine**
 CAS Number: 979-92-0
 Specifications & Purity: ≥98%
 Lot #: E2329851
 SKU #: **S139501**
Analysis: **216555**
 Storage Temperature: Protected from light, Store at -20°C

| Parameter | Limit Values | Result |
|--|--|--|
| Carbon by Elemental Analysis(anhydrous) | 43.24-44.24 (%) | 43.85 % |
| Purity(HPLC) | 98-100 (%) | 99.96500 % |
| Nitrogen by Elemental Analysis (anhydrous) | 21.36-22.36 (%) | 21.82 % |
| EmM(257 - 261 nm,H ₂ O) | 13.8-15.8 | 13.81 |
| Water by Karl Fischer | 0-5 (%) | 4.98 % |
| 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