

## Certificate of Analysis

Date of Testing: 2023-06-06 15:28:42  
Date of Next Testing: 2025-06-05 15:28:42  
Product Name: **S-(5'-Adenosyl)-L-homocysteine**  
CAS Number: 979-92-0  
Specifications & Purity:  $\geq 98\%$   
Lot #: E2329871  
SKU #: **S139501**  
**Analysis: 216555**  
Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Carbon by Elemental Analysis(anhydrous)	43.24-44.24 (%)	43.85 %
Purity(HPLC)	98-100 (%)	99.96500 %
Nitrogen by Elemental Analysis (anhydrous)	21.36-22.36 (%)	21.82 %
EmM(257 - 261 nm,H <sub>2</sub> 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