

## Certificate of Analysis

Date of Testing: 2023-08-09 15:15:23  
 Date of Next Testing: 2025-08-08 15:15:23  
 Product Name: **S-(5'-Adenosyl)-L-homocysteine**  
 CAS Number: 979-92-0  
 Specifications & Purity: ≥98%  
 Lot #: H2304274  
 SKU #: **S139501**  
**Analysis: 246532**  
 Storage Temperature: Protected from light, Store at -20°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis(anhydrous)	43.24-44.24 (%)	43.66 %
Water by Karl Fischer	0-5 (%)	3.08 %
Purity(HPLC)	98-100 (%)	98.58600 %
Nitrogen by Elemental Analysis (anhydrous)	21.36-22.36 (%)	22.15 %
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
Solubility in 1 N HCl , Colorless to Faint Yellow, Clear to Hazy, 20 mg/ml	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager