

Certificate of Analysis

Date of Testing: 2023-12-19 13:56:50

Date of Next Testing: 2025-12-18 13:56:50

Product Name: **S-(5'-Adenosyl)-L-homocysteine**

CAS Number: 979-92-0

Specifications & Purity: ≥98%

Lot #: L2306183

SKU #: **S139501**

Analysis: 296405

Storage Temperature: Protected from light, Store at -20°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 ₂ 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