

Certificate of Analysis

Date of Testing: 2022-09-09 12:58:30

Date of Next Testing: 2024-09-08 12:58:30

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

CAS Number: 979-92-0

Specifications & Purity: ≥98%

Lot #: I2206051

SKU #: **S139501**

Analysis: **133558**

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 (%)	3.23 %
Purity(HPLC)	98-100 (%)	98.82200 %
Nitrogen by Elemental Analysis (anhydrous)	21.36-22.36 (%)	21.78 %
EmM(257 - 261 nm,H2O)	13.8-15.8	14.02
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