

Certificate of Analysis

Date of Testing: 2024-08-26 16:53:41

Date of Next Testing: 2028-08-25 16:53:41

Product Name: **Thiamine hydrochloride**

CAS Number: 67-03-8

Specifications & Purity: Analytical Reagent, 99.0%

Lot #: H2421046

SKU #: **T104100**

Version: **1**

Analysis #: **397561**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-5 (%)	1.24 %
Purity(HPLC)	99-100 (%)	99.82000 %
Carbon by Elemental Analysis(anhydrous)	42.1-43.4 (%)	42.17 %
Nitrogen by Elemental Analysis (anhydrous)	16.1-17.1 (%)	16.24 %
Appearance (T104100)	white powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , clear ,50 mg/ml in water	pass	Pass



John Su
QA & QC Manager