

Certificate of Analysis

Date of Testing: 2025-03-21 13:36:48

Date of Next Testing: 2029-03-20 13:36:48

Product Name: **Thiamine hydrochloride**

CAS Number: 67-03-8

Specifications & Purity: AR, ≥99%

Lot #: C2517531

SKU #: **T104100**

Version: **1**

Analysis #: **476849**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-5 (%)	3.25 %
Purity(HPLC)	99-100 (%)	99.90500 %
Carbon by Elemental Analysis(anhydrous)	42.1-43.4 (%)	42.37 %
Nitrogen by Elemental Analysis (anhydrous)	16.1-17.1 (%)	16.54 %
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