

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-11 10:48:47
 Date of Next Testing: 2029-08-10 10:48:47
 Product Name: **Thiamine hydrochloride**
 CAS Number: 67-03-8
 Specifications & Purity: AR, ≥99%
 Lot #: H2508539
 SKU #: **T104100**
 Version: **1**
 Analysis #: **549830**
 Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-5 (%)	3.10000 %
Purity(HPLC)	99-100 (%)	99.30000 %
Carbon by Elemental Analysis(anhydrous)	42.1-43.4 (%)	42.80000 %
Nitrogen by Elemental Analysis (anhydrous)	16.1-17.1 (%)	16.70000 %
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