

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-25 12:09:18  
Date of Next Testing: 2030-03-24 12:09:18  
Product Name: **Thiamine hydrochloride**  
CAS Number: 67-03-8  
Specifications & Purity: AR, ≥99%  
Lot #: C2613276  
SKU #: **T104100**  
Version: **1**  
Analysis #: **664881**  
Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-5 (%)	2.90000 %
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 <sub>2</sub> O , clear ,50 mg/ml in water	pass	Pass



John Su  
QA & QC Manager