



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-21 17:17:10

Date of Next Testing: 2029-07-20 17:17:10

Product Name: **Thiamine hydrochloride**

CAS Number: 67-03-8

Specifications & Purity: for plant cell culture

Lot #: G2518084

SKU #: **T104106**

Version: **0**

Analysis #: **117615**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-5 (%)	3.66170 %
Purity(HPLC)	98-100 (%)	99.82500 %
Appearance (T104106)	White to Off-White to Pale Cream to Pale Yellow Crystals or Powder or Crystalline Powder or Solid or Chunks	White to Off-White to Pale Cream to Pale Yellow Crystals or Powder or Crystalline Powder or Solid or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O, clear	pass	Pass
colorless, 50 mg/ml in water		
Plant cell culture test	pass	Pass

John Su
QA & QC Manager