

Certificate of Analysis

Date of Testing: 2022-09-05 17:51:25
Date of Next Testing: 2026-09-04 17:51:25
Product Name: **Thiamine hydrochloride**
CAS Number: 67-03-8
Specifications & Purity: for cell and insect cell culture
Lot #: I2201684
SKU #: **T104103**
Analysis: **116102**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.44900 %
Water by Karl Fischer	0-5 (%)	1.60 %
Appearance (T104103)	white powder or solid	white powder or solid
Cell Culture Test	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Insect cell culture test	pass	Pass
Solubility in H ₂ O , clear colorless ,50 mg/ml in water	pass	Pass



John Su
QA & QC Manager