

Certificate of Analysis

Date of Testing: 2023-07-12 16:53:00

Date of Next Testing: 2027-07-11 16:53:00

Product Name: **Thiamine hydrochloride**

CAS Number: 67-03-8

Specifications & Purity: for cell and insect cell culture

Lot #: G2307358

SKU # **T104103**

Analysis: **173194**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.67400 %
Water by Karl Fischer	0-5 (%)	3.81 %
Appearance (T104103)	white powder or solid	white powder or solid
Cell Culture Test	pass	Pass
Insect cell culture test	pass	Pass
Solubility in H ₂ O , clear colorless ,50 mg/ml in water	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager