

Certificate of Analysis

Date of Testing: 2024-11-19 13:28:34

Date of Next Testing: 2028-11-18 13:28:34

Product Name: **Thiamine hydrochloride**

CAS Number: 67-03-8

Specifications & Purity: $\geq 99\%$

Lot #: K2413420

SKU #: **T283819**

Version: **1**

Analysis #: **438506**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-5 (%)	1.45 %
Purity(HPLC)	99-100 (%)	99.51100 %
Carbon by Elemental Analysis(anhydrous)	42.1-43.4 (%)	42.11 %
Nitrogen by Elemental Analysis (anhydrous)	16.1-17.1 (%)	16.50 %
Appearance (T283819)	white powder or chunk	white powder or chunks
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager