

Shughengheng Jiangsu Chemical Company

CERTIFICATE OF ANALYSIS

Name of the Sample : Thiamine Hydrochloride
Batch No. : FCGT5469
Date of Mfg. : 2023-06-19
Date of Exp. : 2026-06-18
Date of Sample : 2023-06-20
CAS Number : 67-03-8
Date of Analysis : 2023-06-20
Batch Size : 9000 Kg
Packaging Size : 25 Kg Drum

S.No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	White or Off White colour Powder
2.	Assay (NAT) (Calculated to the anhydrous material)	99.12%	Min.98.5%
3.	pH (2.5% solution)	Passes	2.7 - 3.2
4.	Water (KF)	2.98%	Max. 5.0%
5.	Sulphated ash	0.053%	Max. 0.1%
6.	Nitrate	Passes	Passes test
7.	Sulphate	0.005%	Max. 0.01%
8.	Heavy metals (as Pb)	0.001%	Max. 0.002%



Conclusion: Passed test according to the standards of USP24

QA manager: TianYong

Checker: ChenBingzhu

Examiner: ZhangXinxin