TABRIZ PHARMA
Tabriz Chemical and Pharmaceutical Ind.

Physico-Chemical Specification of product

Thiamine Hydrochloride

Name / Internal code: Thiamine Hydrochloride (3205002)
Sampling SOP: SOP/QC-027
Precaution: SDS/PR-029
Testing SOP: SOP/QC-169
Specification code: QC/THHC-062
Validity date: 1 year

No.	Chemical Analysis	Specifications	Reference
01	Characteristics	A white crystals or crystalline powder	USP2024
02	Solubility	Freely soluble in water; soluble in glycerin; slightly soluble in alcohol; insoluble in ether and in benzene.	USP2024
03	Identification A,B	According to USP requirements	USP2024
04	pH (Sol. 1.0%)	2.7-3.4	USP2024
05	Water	NMT 5.0%	USP2024
06	Residue on ignition	NMT 0.2 %	USP2024
07	Absorbance of solution	NMT 0.025	USP2024
08	Limit of nitrate	According to USP requirement	USP2024
09	Related Compounds	NMT 1.0%	USP2024
10	Assay	98.0-102.0 %	USP2024

Remark: Not Applicable

Packing and storage: Keep in well-closed container & dry place

QC Manager: 18.07.2024

QA Manager: 18.07.2024

QA APPROVED
By:
Date: 18.07.2024

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