



TABRIZ PHARMA
Tabriz Chemical and Pharmaceutical Ind.

Date:
No:
Comment:

Quality Control Laboratory

Certificate of Analysis

Product: Thiamine Hydrochloride USP39

Batch No.: THHC97-102

Quantity: 817.5 kg

Lab No.: QC276

Packaging: 25, 17.5 kg

Mfg. date: 10/05/97

Ref: USP39-NF32

Exp. Date: 10/05/99

Preserve in Tight, Light-resistant container & at 4-8 °C

No.	Chemical Analysis	Specifications	Results
1	Characteristics	A white crystals or crystalline powder	Conforms
2	Identification A&B	According to USP requirements	Passes the tests
3	Solubility	Freely soluble in water, soluble in glycerol, slightly soluble in alcohol	Confirms
4	pH (Sol. 1.0%)	2.7-3.4	3.1
5	Water	Max. 5.0%	1.8%
6	Residue on ignition	Max. 0.2 %	0.1%
7	Absorbance of solution	Max. 0.025	0.020
8	Limit of nitrate	According to USP requirement	No brown ring was observed
9	Chromatographic purity	According to USP requirement	Passes the test
10	Assay	Min. 98.0-102.0 %	98.8%

Date of Sampling: 11/05/97

Approved

Rejected

Date of Analysis: 12/05/97

Analyst

Q.C. Manager

Authorized by:

We hereby certify that this product has been prepared under GMP regulation and tested according & conform to the requirements of USP39. The raw materials, manufacturing process and product do not contain any of the solvents listed in organic volatile impurities (USP<467>)