



TABRIZ PHARMA
Tabriz Chemical and Pharmaceutical Ind.

Date:
No:
Comment:

Quality Control Laboratory

Certificate of Analysis

Product: Piperazine Citrate- USP43

Batch No.: PIC01-101

Quantity: 1000 kg

Packing: 25 kg

Ref: USP43-NF38

Lab No.: QC103

Mfg. date: 06/01/01

Exp. date: 06/01/03

No.	Chemical Analysis	Specifications	Results
01	Identification A	Infrared Absorption	Passes the test
02	Identification B,C	According to USP requirements	Passes the tests
03	Water	Max. 12.0%	11.7%
04	Chromatographic purity	Ethylenediamine: Max. 0.25% Triethylenediamine: Max. 0.25%	< 0.25 % < 0.25 %
05	Assay	98.0-100.5 %	98.8%

Date of Sampling: 07/01/01

Approved

Rejected

Date of Analysis : 08/01/01

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 USP43. The raw materials, manufacturing process and product do not contain any of the solvents listed in organic volatile impurities (USP<467>)

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