



**TABRIZ PHARMA**  
Tabriz Chemical and Pharmaceutical Ind.

Date:  
No:  
Comment:

## Quality Control Laboratory

### Certificate of Analysis

**Product: Magnesium Citrate Nonahydrate BP2017**

**Batch No.:MCN98-101**

**Quantity: 50 kg**

**Lab No.:QC169**

**Packing:25 kg**

**Mfg. date: 14/02/98**

**Ref: BP2017**

**Exp. date: 14/02/00**

No.	Chemical Analysis	Specifications	Results
01	Characteristics	White or almost white, fine powder	White crystalline powder
02	Identification A,B,C	According to BP requirements	Passes the tests
03	Solubility	Sparingly soluble in water, practically insoluble in ethanol (96 per cent). It dissolves in dilute hydrochloric acid.	Conform
04	Appearance of solution	According to BP requirements	Passes the test
05	pH	6.0-8.5	7.3
06	Calcium	Max 0.2%	< 0.2%
07	Iron	Max. 100 ppm	< 100 ppm
08	Oxalates	Max. 280 ppm	< 280 ppm
09	Sulfates	Max. 0.2%	< 0.2%
10	Heavy metals	Max. 10 ppm	< 10 ppm
11	Loss on drying	24.0-28.0 %	27.7%
13	Assay	15.0-16.5%	15.7%

**Date of Sampling:15/02/98**

**Approved**

**Rejected**

**Date of Analysis :16/02/98**

**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 BP2017. The raw materials, manufacturing process and product do not contain any of the solvents listed in organic volatile impurities (USP<467>) and residual solvents BP<5.4>