



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

Date:  
No:  
Comment:

## Quality Control Laboratory

### Certificate of Analysis

**Product: Calcium Carbonate USP41-BP2017(Light)**

**Batch No.: I-CAC98-151**

**Quantity: 1000 kg**

**Packing: 25 kg**

**Ref: USP41-BP2017**

**Lab No.:QC307**

**Mfg. date: 20/04/98**

**Exp. date: 20/04/00**

No.	Chemical Analysis	Specifications	Results
01	Characteristics	A white, crystalline powder	Conforms
02	Identification	According to USP & BP requirements	Passes the tests
03	Solubility	Practically insoluble in water	Conforms
04	Acid- insoluble substances	Max. 0.2%	0.09%
05	Chloride	Max. 330 ppm	< 330 ppm
06	Sulfate	Max. 0.25%	< 0.25%
07	Barium	According to USP & BP requirements	Conforms
08	Arsenic	Max. 3 ppm	< 3 ppm
09	Fluoride	Max. 50 ppm	< 50 ppm
10	Iron	Max. 200 ppm	< 200 ppm
11	Lead	Max. 3 ppm	< 3 ppm
12	Magnesium & alkali metals	Max. 1.0 %	0.8 %
13	Heavy metals	Max. 20 ppm	< 20 ppm
14	Mercury	Max. 0.5 ppm	< 0.5 ppm
15	Loss on drying	Max. 2.0 %	0.1 %
16	Assay	98.5-100.5 %	99.6 %

Additional tests:

01 Bulk density 0.38 g/cm<sup>3</sup>

**Date of Sampling:22/04/98**

**Approved**

**Rejected**

**Date of Analysis:23/04/98**

**Analyst**  
*[Signature]*

**Q.C.Manager**  
*[Signature]*

**Authorized by**  
*[Signature]*

We hereby certify that this product has been prepared under GMP regulation and tested according & conform to the requirements of USP41-BP2017. The raw materials, manufacturing process and product do not contain any of the solvents listed in organic volatile impurities (USP<467>) and residual solvent BP <5.4>