



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

Date:  
No:  
Comment:

## Quality Control Laboratory

### Certificate of Analysis

**Product: Calcium Hydrogen Phosphate Dihydrate USP41**

**Batch No.: CHD98-131**

**Quantity: 1000 kg**

**Packing: 25 kg**

**Ref:USP41-NF36**

**Lab No.: QC471**

**Mfg. date: 26/05/98**

**Exp. date: 26/05/00**

No.	Chemical Analysis	Specifications	Results
01	Characteristics	A white, crystalline powder	White crystalline powder
02	Identification A,B	According to USP requirements	Passes the tests
03	Solubility	Practically insoluble in water, Insol. in alcohol. It dissolves in 3N hydrochloric acid and in 2N nitric acid.	Passes the tests
04	Carbonates	According to USP requirements	No effervescence observed
05	Limit of acid-insoluble sub.	Max. 0.2 %	0.06%
06	Chlorides	Max. 0.25 %	< 0.25 %
07	Fluorides	Max. 50 ppm	< 50 ppm
08	Sulfates	Max. 0.5 %	< 0.5 %
09	Arsenic	Max. 3 µg /g	< 3 µg /g
10	Barium	According to USP requirements	No turbidity was produced
11	Heavy metals	Max. 30 ppm	< 30 ppm
12	Loss on ignition	24.5 - 26.5 %	25.8 %
13	Assay	98.0 -105.0 %	99.4%

Additional test:

No.	Chemical Analysis	Results
01	Bulk Density	1.04 g/cm <sup>3</sup>

**Date of Sampling:27/05/98**

**Approved**

**Rejected**

**Date of Analysis:28/05/98**

**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 USP41. The raw materials, manufacturing process and product do not contain any of the solvents listed in organic volatile impurities (USP<467>)