



TABRIZ PHARMA
Tabriz Chemical and Pharmaceutical Ind.

Date:
No:
Comment:

Quality Control Laboratory

Certificate of Analysis			
Product: Calcium Hydrogen Phosphate Anhydrous USP41 (Granular)			
Batch No.: CHA98-422			
Quantity: 1000 kg		Lab No.: QC107	
Packing: 25 kg		Mfg. date: 09/01/98	
Ref:USP41-NF36		Exp. date: 09/01/00	
No.	Chemical Analysis	Specifications	Results
1	Characteristics	A white, crystalline powder	Conforms
2	Identification A,B	According to USP requirements	Passes the tests
3	Solubility	Practically insoluble in water and in alcohol. It dissolves in dilute hydrochloric acid and in dilute nitric acid.	Conforms
4	Carbonates	According to USP requirements	Conforms
5	Limit of acid-insoluble sub.	Max. 0.2 %	0.08%
6	Chlorides	Max. 0.25 %	< 0.25 %
7	Fluorides	Max. 0.005 %	< 0.005 %
8	Sulphates	Max. 0.5 %	< 0.5 %
9	Arsenic	Max. 3 µg/g	< 3 µg / g
10	Barium	According to USP requirements	Passes the tests
11	Heavy metals	Max. 0.003%	< 0.003%
12	Loss on ignition	6.6 - 8.5 %	7.1%
13	Assay	98 -103%	99 %
Additional test:		Results	
01	Bulk Density	1.38 g/cm ³	
02	Through 50 mesh	Max.99.7%	
03	Through 100 mesh	Max. 95.5%	
04	Through 200 mesh	Min. 45.3%	
Date of Sampling:10/01/98			
		<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Rejected
Date of Analysis:11/01/98			
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>)