



TABRIZ PHARMA
Tabriz Chemical and Pharmaceutical Ind.

Date:
No:
Comment:

Quality Control Laboratory

Certificate of Analysis

Product: Calcium Carbonate USP41(Heavy)

Batch No.: h-CAC98-213

Quantity: 2000 kg

Packing: 25 kg

Ref: USP41-NF36

Lab No.: QC516

Mfg. date: 12/06/98

Exp. date: 12/06/00

No.	Chemical Analysis	Specifications	Results
01	Characteristics	A white, crystalline powder	Conforms
02	Identification	According to USP requirements	Passes the tests
03	Solubility	Practically insoluble in water	Conforms
04	Acid- insoluble substances	Max. 0.2%	0.17%
05	Barium	According to USP requirements	Conforms
06	Arsenic	Max. 3 ppm	< 3 ppm
07	Fluoride	Max. 50 ppm	< 50 ppm
08	Iron	Max. 0.1 %	< 0.1 %
09	Lead	Max. 3 ppm	< 3 ppm
10	Magnesium & alkali metals	Max. 1.0 %	0.8%
11	Heavy metals	Max. 20 ppm	< 20 ppm
12	Mercury	Max. 0.5 ppm	< 0.5 ppm
13	Loss on drying	Max. 2.0 %	0.1%
14	Assay	98.0-100.5 %	98.6%

Additional tests:

01	Bulk density	1.27g/cm ³
02	Passed Through 50 mesh	Max. 95.6%
03	Passed Through 100 mesh	Max. 52.5%
04	Passed Through 200 mesh	Max. 4.2%

Date of Sampling: 13/06/98

☒ **Approved**

☐ **Rejected**

Date of Analysis: 14/06/98

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>)