



TABRIZ PHARMA
Tabriz Chemical and Pharmaceutical Ind.

Date:
No:
Comment:

Quality Control Laboratory

Certificate of Analysis

Product: Calcium Carbonate USP41-BP2017(Semi-heavy)

Batch No.: s.h-CAC98-187

Quantity: 1000 kg

Lab No.:QC461

Packing: 25 kg

Mfg. date: 22/05/98

Ref: USP41-BP2017

Exp. date: 22/05/00

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%	0.06%
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 %	0.08 %
16	Assay	98.5-100.5 %	98.9 %

Additional tests:

01	Bulk density	0.8 g/cm ³
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Date of Sampling:23/05/98

Approved

Rejected

Date of Analysis:23/05/989

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-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>