TABRIZ PHARMA
Tabriz Chemical and Pharmaceutical Ind.

Date:
No:
Comment:

Quality Control Laboratory

Certificate of Analysis

Product: Sodium Bicarbonate USP41-BP2017(Granular)

Batch No.: g-SBP98-139

Quantity: 1000 kg ***Lab No.: QC495***

Packing: 25 kg ***Mfg. date: 04/06/98***

Ref:USP41-BP2017 ***Exp. date: 04/06/01***

No.	Chemical Analysis	Specifications	Results
01	Characteristics	A white, crystalline powder	Conforms
02	Identification A,B,C	According to BP & USP requirements	Passes the tests
03	Solubility	Soluble in water, practically insoluble in alcohol	Conforms
04	Appearance of solution	Solution S is clear & colourless	Conforms
05	Carbonates (pH)	Max. 8.6	8
06	Insoluble substances	According to USP requirements	Solution was clear & colourless
07	Normal Carbonate	According to USP requirements	Passes the test
08	Chlorides	Max. 150 ppm	< 150 ppm
09	Sulphates	Max. 150 ppm	< 150 ppm
10	Ammonium	Max. 20 ppm	< 20 ppm
11	Arsenic	Max. 2 ppm	< 2 ppm
12	Calcium	Max. 100 ppm	< 100 ppm
13	Iron	Max. 20 ppm	< 20 ppm
14	Heavy metals	Max. 5 ppm	< 5 ppm
15	Assay	99.0 – 100.5 %	99.4%
16	Loss on drying	Max. 0.25 %	0.07%

Additional tests:

01	Bulk density	1.04g/cm^3
02	Through 50 mesh	Min. 73.5%
02	Through 100 mesh	Min. 29.4%
03	Through 200 mesh	Max. 6.3%

Date of Sampling:05/06/98

Date of Analysis:06/06/98

■ ***Approved*** ☐ ***Rejected***

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 solvents BP<5.4>