



TABRIZ PHARMA
Tabriz Chemical and Pharmaceutical Ind.

Date:
No:
Comment:

Quality Control Laboratory

Certificate of Analysis

Product: Sodium Bicarbonate USP43-BP2020(Fine)

Batch No.: f-SBP01-101

Quantity: 2000kg

Packing: 25kg

Ref:USP43-BP2020

Lab No.: QC135

Mfg. date: 22/01/01

Exp. date: 22/01/04

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 ethanol(96 percent)	Conforms
04	Appearance of solution	Solution S is clear & colourless	Conforms
05	Carbonates (pH)	Max. 8.6	8.1
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	Assay	99.0 – 100.5 %	99.5%
15	Loss on drying	Max. 0.25 %	0.07%

Additional tests:

01	Bulk density	1.17g/cm ³
02	Passed Through 50 mesh	Max. 97.6%
02	Passed Through 100 mesh	Max. 51.4%
03	Passed Through 200 mesh	Max. 13.5%

Date of Sampling:23/01/01

☒ **Approved**

☐ **Rejected**

Date of Analysis:24/01/01

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 USP43- BP2020. 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>