

## Quality Control Laboratory

### Certificate of Analysis

**Product: Calcium Hydrogen Phosphate Anhydrous USP43 (Granular)**

**Batch No.: CHA01-105**

**Quantity: 1000 kg**

**Packing: 25 kg**

**Ref: USP43-NF38**

**Lab No.: QC123**

**Mfg. date: 16/01/01**

**Exp. date: 16/01/03**

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 %	0.09%
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	Loss on ignition	6.6 - 8.7 %	7.7%
12	Assay	97.5 -102.5%	98.3 %

Additional test:

Results

01	Bulk Density	0.7 g/cm <sup>3</sup>
02	Passed Through 50 mesh	Max.93.4%
03	Passed Through 100 mesh	Max. 70.1%
04	Passed Through 200 mesh	Max. 30.7%
05	Passed Through 230 mesh	Max.15.6%
06	Passed Through 325 mesh	Max.4.0%

**Date of Sampling:17/01/01**

**Approved**

**Rejected**

**Date of Analysis:18/01/01**

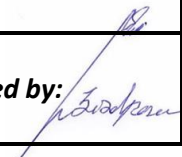
**Analyst:**



**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. The raw materials, manufacturing process and product do not contain any of the solvents listed in organic volatile impurities (USP<467>)