

Q.C Department Certificate of analyse

Product Name: Calcium Hydrogen Phosphate (Dibasic Calcium Phosphate), 2 H₂O

Mfg. Date: 1405/03/07

Batch Size: -----

Stock Room Code No.: ---

Exp. Date: 1406/03/07

Received Date: 1405/03/07

Lab. No.: 05/AT/8321

Batch No: 05/2021

Manufacturer : Aras Taban

| Test | Ref. | Acceptable limits | Result | Analyst |
|--|--------------|-------------------------------------|----------|---------|
| Characters | ISIRI- 2513 | A white to grey granular and powder | Complies | M.R |
| Particle size,sieve No: 40(425µm) | ISIRI- 2513 | Max 35% through | 9 % | M.R |
| Loss on drying | ISIRI- 8784 | Not more than 3.0% | 2.16 % | M.R |
| pH 1% (In House) | ISIRI- 2513 | 4.0 to 7.0 | 4.58 | M.R |
| Heavy metals as: Pb | ISIRI- 2513 | Not more than 15 ppm | 2 ppm | Zarazma |
| Cd | | Not more than 15 ppm | 5.1 ppm | |
| As | | Not more than 10 ppm | 7.8 ppm | |
| Hg | | Not more than 0.1 ppm | <0.1 ppm | |
| Limit of acid-insoluble substances | ISIRI- 11485 | Not more than 1.5% | 1.35 % | A.E |
| Soluble phosphorus in citric acid | ISIRI- 8784 | Min 85% of total phosphor | 96.56 % | M.R |
| Soluble phosphorus in alkaline of ammonium citrate | ISIRI- 8784 | Min 85% of total phosphor | 93.51 % | A.E |
| Limit of Fluorine | ISIRI- 8924 | Not more than 2000 ppm | 936 | Zarazma |
| Non Protein Nitrogen (NPN) | ISIRI- 2513 | Absent | Absent | M.R |
| Assay as: phosphorus | ISIRI- 513 | Not less than 17.0% | 18.27 % | M.R |
| Calcium | ISIRI- 2513 | 21.0% to 25.0% | 21.73 % | M.R |

Analyst: M.R

QC. Manager: Dr. A. Esmaili

Approved
 Reprocess
 Rejected

این گواهی آنالیز بدون مهر امضا فاقد اعتبار است