

Q.C Department Certificate of analyse

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

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|------------------------------|----------------------------------|----------------------------------|
| Mfg. Date: 1404/12/24 | Batch Size: ---- | Stock Room Code No.: --- |
| Exp. Date: 1405/12/24 | Received Date: 1404/12/24 | Lab. No.: 04/AT/8255 |
| Batch No: 04/2069 | | 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 | 8 % | M.R |
| Loss on drying | ISIRI- 8784 | Not more than 3.0% | 2.61 % | M.R |
| pH 1% (In House) | ISIRI- 2513 | 4.0 to 7.0 | 4.53 | 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 | 96.58 % | 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% | 18.25 % | M.R |
| Calcium | ISIRI- 2513 | 21.0% to 25.0% | 21.78 % | M.R |

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| Analyst: M.R | QC. Manager: Dr. A. Esmaeili |
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Approved
 Reprocess
 Rejected

این گواهی آنالیز بدون مهر امضا فاقد اعتبار است