شرکت ارس تابان (سهامی خاص)
Aras Taban Co.

# *Q.C Department*
# *Certificate of analyse*

**Product Name:** ***Calcium Hydrogen Phosphate (Dibasic Calcium Phosphate), 2 $H_2O$***

| | | |
|---|---|---|
| **Mfg. Date: 1405/08/24** | **Batch Size: -----** | **Stock Room Code No.: ---** |
| **Exp. Date: 1406/08/24** | **Received Date: 1405/08/24** | **Lab. No.: 05/AT/9031** |
| **Batch No: 05/2100** | **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% | 2.90 % | M.R |
| pH 1% (In House) | ISIRI- 2513 | 4.0 to 7.0 | 4.48 | M.R |
| Heavy metals as: Pb<br>Cd<br>As<br>Hg | ISIRI- 2513 | Not more than 15 ppm<br>Not more than 15 ppm<br>Not more than 10 ppm<br>Not more than 0.1 ppm | 1.41 ppm<br>1.10 ppm<br>6.61 ppm<br><0.02 ppm | Zarazma |
| Limit of acid-insoluble substances | ISIRI- 11485 | Not more than 1.5% | 1.17 % | A.E |
| Soluble phosphorus in citric acid | ISIRI- 8784 | Min 85% of total phosphor | 96.54 % | M.R |
| Soluble phosphorus in alkaline of ammonium citrate | ISIRI- 8784 | Min 85% of total phosphor | 93.19 % | A.E |
| Limit of Fluorine | ISIRI- 8924 | Not more than 2000 ppm | 1165 | Zarazma |
| Non Protein Nitrogen (NPN) | ISIRI- 2513 | Absent | Absent | M.R |
| Assay as: phosphorus | ISIRI- 513 | Not less than 17.0% | 18.33 % | M.R |
| Calcium | ISIRI- 2513 | 21.0% to 25.0% | 21.72 % | M.R |

Analyst: M.R

QC. Manager: Dr. A. Esmaeili

Approved ■
Reprocess ☐
Rejected ☐

**این گواهی آنالیز بدون مهر امضا فاقد اعتبار است**

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**دفتر مرکزی:** تهران-خیابان قائم مقام فراهانی-نبش کوچه چهارم-ساختمان ۱۷۹
طبقه سوم-واحد ۷ ، ۸ و ۹-کدپستی ۱۵۸۶۸ **تلفن:** ۷ و ۸۸۷۵۷۱۵۶-۸۸۷۳۴۱۸۹ **فاکس:** ۸۸۷۴۵۲۲۹