

## Q.C Department Certificate of analyse

**Product Name: Calcium Hydrogen Phosphate (Dibasic Calcium Phosphate), 2 H<sub>2</sub>O**

|                              |                                    |                                  |
|------------------------------|------------------------------------|----------------------------------|
| <b>Mfg. Date: 1401/09/15</b> | <b>Batch Size: -----</b>           | <b>Stock Room Code No.: ---</b>  |
| <b>Exp. Date: 1402/09/15</b> | <b>Received Date: : 1401/09/15</b> | <b>Lab. No.: 01/AT/6257</b>      |
| <b>Batch No: 01/1152</b>     |                                    | <b>Manufacturer : Aras Taban</b> |

| Test   | Ref.       | Acceptable limits   | Result                                       | Analyst        |
|--|------------|---|--|----------------|
| Characters   | QC.SOP. 01 | A white to grey granular and powder   | Complies                                     | M.R            |
| Particle size,sieve No: 40(425µm)                  | QC.SOP. 01 | Max 35% through   | 9 %  | M.R            |
| Loss on drying                                     | QC.SOP. 01 | Not more than 3.0%  | 2.06 %                                       | M.R            |
| pH 1% (In House)                                   | QC.SOP. 01 | 4.0 to 7.0  | 4.50   | M.R            |
| Heavy metals as: Pb<br>Cd<br>As<br>Hg              | QC.SOP. 01 | Not more than 45 ppm<br>Not more than 20 ppm<br>Not more than 15 ppm<br>Not more than 0.1 ppm | 7.05 ppm<br>1.15 ppm<br>0.77 ppm<br><0.1 ppm | Salamat Alborz |
| Limit of acid-insoluble substances                 | QC.SOP. 01 | Not more than 1.5%  | 1.18 %                                       | H.J            |
| Soluble phosphorus in citric acid                  | QC.SOP. 01 | Min 85% of total phosphor   | 95.20 %                                      | M.R            |
| Soluble phosphorus in alkaline of ammonium citrate | QC.SOP. 01 | Min 85% of total phosphor   | 92.76 %                                      | M.R            |
| Limit of Fluorine                                  | QC.SOP. 01 | Not more than 1800 ppm  |  |                |
| Non Protein Nitrogen (NPN)                         | QC.SOP. 01 | Absent  | Absent                                       | M.R            |
| Assay as: phosphorus<br>Calcium                    | QC.SOP. 01 | Not less than 17.0%<br>21.0% to 25.0%   | 18.65 %<br>21.36 %                           | M.R            |

Analyst: M.R

QC. Manager: H.Jalaal

Approved   
 Reprocess   
 Rejected

این گواهی آنالیز بدون مهر امضا فاقد اعتبار است