

## Q.C Department Certificate of analyse

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

**Mfg. Date: 1404/12/25**

**Batch Size: ----**

**Stock Room Code No.: ---**

**Exp. Date: 1405/12/25**

**Received Date: 1404/12/25**

**Lab. No.: 04/AT/8271**

**Batch No: 04/2070**

**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	7 %	M.R
Loss on drying	ISIRI- 8784	Not more than 3.0%	2.83 %	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	96.39 %	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%	18.14 %	M.R
Calcium	ISIRI- 2513	21.0% to 25.0%	21.66 %	M.R

Analyst: M.R

QC. Manager: Dr. A. Esmaeili

Approved   
 Reprocess   
 Rejected

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