

## Q.C Department Certificate of analyse

**Product Name: Mono Calcium phosphate**

**Mfg. Date: 1405/03/13**      **Batch Size: -----**      **Stock Room Code No.: ---**

**Exp. Date: 1406/03/13**      **Received Date: 1405/03/13**      **Lab. No.: 05/AT/8155**

**Batch No: 05/M/2002**      **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 2.0%	1.76 %	M.R
pH 1% (In House)	ISIRI- 2513	Max 5	3.75	M.R
Heavy metals as: Pb Cd As Hg	ISIRI- 2513	Not more than 45 ppm Not more than 35 ppm Not more than 10 ppm Not more than 0.1 ppm	<1 ppm 5.5 ppm 7.8 ppm <0.1 ppm	Zarazma
Limit of acid-insoluble substances	ISIRI- 11485	Not more than 1.2%	1.44 %	A.E
Soluble phosphorus in citric acid	ISIRI- 8784	Min 95% of total phosphor	97.24 %	M.R
Soluble phosphorus in alkaline of ammonium citrate	ISIRI- 8784	Min 95% of total phosphor	95.13 %	A.E
Soluble phosphorus in water	ISIRI- 8784	Min 50% of total phosphor	75.36 %	M.R
Limit of Fluorine	ISIRI- 8924	Not more than 2100 ppm	1646	Zarazma
Non Protein Nitrogen (NPN)	ISIRI- 2513	Absent	Absent	M.R
Assay as: phosphorus	ISIRI- 513	Not less than 21.0%	21.36 %	M.R
Calcium	ISIRI- 2513	15.0% to 18.0%	17.54 %	M.R

**Analyst: M.R**      **QC. Manager: Dr. A. Esmaeili**

Approved   
 Reprocess   
 Rejected

این گواهی آنالیز بدون مهر امضا فاقد اعتبار است