

Q.C Department Certificate of analyse

Product Name: Mono Calcium phosphate				
Mfg. Date: 1404/09/17		Batch Size: -----		Stock Room Code No.: ---
Exp. Date: 1405/09/17		Received Date: 1404/09/17		Lab. No.: 04/AT/8148
Batch No: 04/M/2009			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%	1.86 %	M.R
pH 1% (In House)	ISIRI- 2513	Max 5	3.45	M.R
Heavy metals as: Pb	ISIRI- 2513	Not more than 45 ppm	<1 ppm	Zarazma
Cd		Not more than 35 ppm	5.5 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 1.2%	1.04 %	A.E
Soluble phosphorus in citric acid	ISIRI- 8784	Min 95% of total phosphor	97.42 %	M.R
Soluble phosphorus in alkaline of ammonium citrate	ISIRI- 8784	Min 95% of total phosphor	95.25 %	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%	20.82 %	M.R
Calcium	ISIRI- 2513	15.0% to 18.0%	18.26 %	M.R
Analyst: M.R		QC. Manager: Dr. A. Esmaili		

Approved ☒

Reprocess ☐

Rejected ☐

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