

Q.C Department Certificate of analyse

Product Name: Mono Di Calcium Phosphate				
Mfg. Date: 1404/07/06		Batch Size: -----		Stock Room Code No.: ---
Exp. Date: 1405/07/06		Received Date: 1404/07/06		Lab. No.: -----
Batch No: 04/M/2001			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 2.5 %	2.05 %	M.R
pH 1% (In House)	ISIRI- 2513	Max 4%	3.94	M.R
Heavy metals as: Pb Cd As Hg	ISIRI- 2513	Not more than 15 ppm Not more than 15 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 1.3%	1.083 %	A.E
Soluble phosphorus in citric acid	ISIRI- 8784	Min 90% of total phosphor	97.67 %	M.R
Soluble phosphorus in alkaline of ammonium citrate	ISIRI- 8784	Min 90% of total phosphor	94.55 %	M.R
Soluble phosphorus in water	ISIRI- 8784	Min 25% of total phosphor	91.47	M.R
Limit of Fluorine	ISIRI- 8924	Not more than 2000 ppm	1646	Zarazma
Non Protein Nitrogen (NPN)	ISIRI- 2513	Absent	Absent	M.R
Assay as: phosphorus	ISIRI- 513	19.0% to 21.0%	20.73 %	M.R
Calcium	ISIRI- 2513	18.0% to 21.0%	18.55 %	M.R
Analyst: M.R			QC. Manager: Dr. A. Esmaeili	
Approved ☒ Reprocess ☐ Rejected ☐				
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