

Q.C Department Certificate of analyse

Product Name: Calcium Hydrogen Phosphate (Dibasic Calcium Phosphate), 2 H₂O				
Mfg. Date: 1405/06/09		Batch Size: -----		Stock Room Code No.: ---
Exp. Date: 1406/06/09		Received Date: 1405/06/09		Lab. No.: 05/AT/8321
Batch No: 05/2057			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 3.0%	2.65 %	M.R
pH 1% (In House)	ISIRI- 2513	4.0 to 7.0	4.45	M.R
Heavy metals as: Pb	ISIRI- 2513	Not more than 15 ppm	1.41 ppm	Zarazma
Cd		Not more than 15 ppm	1.10 ppm	
As		Not more than 10 ppm	6.61 ppm	
Hg		Not more than 0.1 ppm	<0.02 ppm	
Limit of acid-insoluble substances	ISIRI- 11485	Not more than 1.5%	0.89 %	A.E
Soluble phosphorus in citric acid	ISIRI- 8784	Min 85% of total phosphor	97.24 %	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	1799	Zarazma
Non Protein Nitrogen (NPN)	ISIRI- 2513	Absent	Absent	M.R
Assay as: phosphorus	ISIRI- 513	Not less than 17.0%	18.46 %	M.R
Calcium	ISIRI- 2513	21.0% to 25.0%	21.55 %	M.R
Analyst: M.R		QC. Manager: Dr. A. Esmaeili		

Approved ☒
 Reprocess ☐
 Rejected ☐

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