

Q.C Department Certificate of analyse

Product Name: Calcium Hydrogen Phosphate (Dibasic Calcium Phosphate), 2 H₂O				
Mfg. Date: 1404/08/19		Batch Size: -----		Stock Room Code No.: ---
Exp. Date: 1405/08/19		Received Date: 1404/08/19		Lab. No.: 04/AT/8259
Batch No: 04/1114			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 3.0%	2.41 %	M.R
pH 1% (In House)	ISIRI- 2513	4.0 to 7.0	4.47	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	96.34 %	M.R
Soluble phosphorus in alkaline of ammonium citrate	ISIRI- 8784	Min 85% of total phosphor	92.51 %	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%	18.25 %	M.R
Calcium	ISIRI- 2513	21.0% to 25.0%	21.17 %	M.R
Analyst: M.R		QC. Manager: Dr. A. Esmaeili		

Approved ☒

Reprocess ☐

Rejected ☐

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