

Q.C Department Certificate of analyse

Product Name: Calcium Hydrogen Phosphate (Dibasic Calcium Phosphate), 2 H₂O

Mfg. Date: 1401/10/13	Batch Size: ----	Stock Room Code No.: ---
Exp. Date: 1402/10/13	Received Date: : 1401/10/13	Lab. No.: 01/AT/6326
Batch No: 01/1170		Manufacturer : Aras Taban

Test	Ref.	Acceptable limits	Result	Analyst
Characters	QC.SOP. 01	A white to grey granular and powder	Complies	M.R
Particle size,sieve No: 40(425µm)	QC.SOP. 01	Max 35% through	8 %	M.R
Loss on drying	QC.SOP. 01	Not more than 3.0%	2.41 %	M.R
pH 1% (In House)	QC.SOP. 01	4.0 to 7.0	4.58	M.R
Heavy metals as: Pb Cd As Hg	QC.SOP. 01	Not more than 45 ppm Not more than 20 ppm Not more than 15 ppm Not more than 0.1 ppm	7.05 ppm 1.15 ppm 0.77 ppm <0.1 ppm	Salamat Alborz
Limit of acid-insoluble substances	QC.SOP. 01	Not more than 1.5%	1.18 %	H.J
Soluble phosphorus in citric acid	QC.SOP. 01	Min 85% of total phosphor	96.68 %	M.R
Soluble phosphorus in alkaline of ammonium citrate	QC.SOP. 01	Min 85% of total phosphor	92.76 %	M.R
Limit of Fluorine	QC.SOP. 01	Not more than 1800 ppm		
Non Protein Nitrogen (NPN)	QC.SOP. 01	Absent	Absent	M.R
Assay as: phosphorus Calcium	QC.SOP. 01	Not less than 17.0% 21.0% to 25.0%	18.30 % 21.76 %	M.R

Analyst: M.R

QC. Manager: H.Jalaal

Approved
 Reprocess
 Rejected

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