

## Q.C Department Certificate of analyse

**Product Name: Calcium Hydrogen Phosphate (Dibasic Calcium Phosphate), 2 H<sub>2</sub>O**

<b>Mfg. Date: 1403/11/11</b>	<b>Batch Size: ----</b>	<b>Stock Room Code No.: ---</b>		
<b>Exp. Date: 1404/11/11</b>	<b>Received Date: 1403/11/11</b>	<b>Lab. No.: 03/AT/7895</b>		
<b>Batch No: 03/1126</b>		<b>Manufacturer : Aras Taban</b>		
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%	2.31 %	M.R
pH 1% (In House)	ISIRI- 2513	4.0 to 7.0	4.49	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 1.5%	1.34 %	A.E
Soluble phosphorus in citric acid	ISIRI- 8784	Min 85% of total phosphor	95.47 %	M.R
Soluble phosphorus in alkaline of ammonium citrate	ISIRI- 8784	Min 85% of total phosphor	92.18 %	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	Not less than 17.0%	18.34 %	M.R
Calcium	ISIRI- 2513	21.0% to 25.0%	21.85 %	M.R

<b>Analyst: M.R</b>	<b>QC. Manager: Dr. A. Esmaeili</b>
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Approved   
 Reprocess   
 Rejected

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