

## Q.C Department Certificate of analyse

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

<b>Mfg. Date: 1403/11/03</b>		<b>Batch Size: -----</b>		<b>Stock Room Code No.: ---</b>	
<b>Exp. Date: 1404/11/03</b>		<b>Received Date: 1403/11/03</b>		<b>Lab. No.: 03/AT/7921</b>	
<b>Batch No: 03/1122</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%	2.51 %	M.R	
pH 1% (In House)	ISIRI- 2513	4.0 to 7.0	4.52	M.R	
Heavy metals as: Pb	ISIRI- 2513	Not more than 15 ppm	<1 ppm	Zarazma	
Cd		Not more than 15 ppm	5.5 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%	1.34 %	A.E	
Soluble phosphorus in citric acid	ISIRI- 8784	Min 85% of total phosphor	95.34 %	M.R	
Soluble phosphorus in alkaline of ammonium citrate	ISIRI- 8784	Min 85% of total phosphor	92.05 %	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%	18.23 %	M.R	
Calcium	ISIRI- 2513	21.0% to 25.0%	21.86 %	M.R	

Analyst: M.R	QC. Manager: Dr. A. Esmaeili
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Approved   
 Reprocess   
 Rejected

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