

**CERTIFICATE OF ANALYSIS**

Name of the Product	:	<b>Ferric Ortho Phosphate FCC</b>
Batch No.	:	
Quantity Despatched	:	1700 Kg
Report No.	:	
Mfg. date	:	July 2013
Extended Retest date	:	June 2016

**Results of Analysis:**

Sl. No	Tests	Limits	Observations
01.	Description	Yellow-white buff colored powder	Yellow-white buff colored powder
02.	Solubility	Insoluble in water, and in glacial acetic acid but is soluble in mineral acids	Complies
03.	Identification	Shall pass the test	Complies
04.	Arsenic	Not more than 3 mg / kg	Less than 3 mg / kg
05.	Lead	Not more than 4 mg / kg	Less than 4 mg / kg
06.	Mercury	Not more than 3 mg / kg	Less than 3 mg / kg
07.	Fluoride	Not more than 0.005%	Less than 0.005%
08.	Loss on ignition*	Not more than 32.5%	22.76%
09.	Assay as Fe <sup>3+</sup> content*	26.0% - 32.0%	26.7%

**Additional test**

10.	Sieve analysis in 60#	Passing through Not less than 99.0%	99.5%
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**Remarks:** Complies with the above mentioned prescribed standards of FCC V + Additional test.

\*Assay and LOI values based on retest of control samples

**Disclaimer:** Revised retest period is arrived at based on the analysis of control samples maintained under ambient conditions, Global calcium shall under no circumstance be liable for incidental or consequential variation in the quality due to handling and or storage of the material at the customer end which is beyond Global calcium control

<b>PREPARED BY:</b> DATE: <i>22 April 15</i> OFFICER - QUALITY ASSURANCE	<b>CHECKED BY:</b> DATE: <i>22 April 15</i> HOD - QUALITY CONTROL	<b>APPROVED BY:</b> DATE: <i>22 Apr 15</i> HOD - QUALITY ASSURANCE
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Date of Re-issue: 22<sup>nd</sup> April 2015

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07.	Fluoride	Not more than 0.005%	Less than 0.005%
08.	Loss on ignition*	Not more than 32.5%	22.56%
09.	Assay as Fe <sup>3+</sup> content*	26.0% - 32.0%	26.64%

**Additional test**

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<b>PREPARED BY:</b>	<b>CHECKED BY:</b>	<b>APPROVED BY:</b>
<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
<b>DATE:</b>	<b>DATE:</b>	<b>DATE:</b>
22 April 15	22 April 15	22 Apr 15
<b>OFFICER – QUALITY ASSURANCE</b>	<b>HOD – QUALITY CONTROL</b>	<b>HOD – QUALITY ASSURANCE</b>

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