



Aditya Birla Chemicals (Thailand) Limited (Phosphates Division)

CERTIFICATE OF ANALYSIS

Product Name: Monosodium Phosphate Anhyd FG25Kg. ORPR

Appearance : White odourless powder-Hygroscopic, risks of caking.

Grade: Food

Batch Number: 70926

Quantity: 6.125 M.T.

Manufacturing Date: 26/Sep/17

Best Before: 26/Sep/19

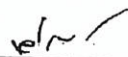
Parameter	Units	Ref.Method	Specification	Test Result
pH(1% Solution)		FCC	4.4 - 4.7	4.6
Bulk Density	gm/cc	ASTM-D1895B	0.60 min.	0.62
Moisture(at 110 Deg C for 4 hr)	%	FCC	1.5 max.	0.58
Water Insoluble	%	FCC	0.1 max.	0.02
Phosphate as P ₂ O ₅	%	JECFA	58.0 - 59.5	58.5
Assay	%	FCC	98.0 min.	98.9
<u>Particle Size Distribution</u>				
Retained on 20 mesh (850 µm)	%	ASTM-B214	1.0 max.	0.0
Passed thru 100 mesh (150 µm)	%	ASTM-B214	60.0 min.	72.6

Parameter	Units	Ref.Method	Specification	Test Result
*Fluoride as F	ppm	FCC	10.0 max.	<5.0
*Arsenic as As	ppm	ICP-OES	2.0 max.	<0.2
*Lead as Pb	ppm	ICP-OES	2.0 max.	<0.2
*Cadmium as Cd	ppm	ICP-OES	1.0 max.	<0.2
*Mercury as Hg	ppm	ICP-OES	1.0 max.	<0.2

*Parameters are not tested in all lots but validated through in-process or final testing.

**Special parameter support for customer request.


Quality In Charge


QA/QC Department Head

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