



Aditya Birla Chemicals (Thailand) Limited (Phosphates Division)

CERTIFICATE OF ANALYSIS

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Batch Number: 61120
Manufacturing Date: 20/Nov/16
Tested Date: 20/Nov/16
Retesting Date: 20/Nov/18
Appearance: White odourless powder.

Product Name: Disodium Phosphate Anhyd FG
25Kg.BRPR
Grade: Food
Quantity: 17.500 M.T.
Spec.Updated on: 20/04/2015

Parameter	Units	Ref.Method	Specification	Test Result
pH(1% Solution)		FCC	9.0 - 9.6	9.0
Bulk Density	gm/cc	ASTM-D1895B	0.60 min.	0.71
Moisture(at 120 Deg C for 4 hr)	%	FCC	1.0 max.	0.47
Water Insoluble	%	FCC	0.1 max.	0.02
Phosphate as P_2O_5	%	JECFA	49.0 - 51.0	49.5
Assay on dry basis	%	FCC	99.0 min	99.6
Pyrophosphate	%	FCC	2.0 max.	0.3
<u>Particle Size Distribution</u>				
Retained on 20 mesh (850 μ m)	%	ASTM-B214	ND	ND
Passed thru 100 mesh (150 μ m)	%	ASTM-B214	75.0 min.	91.3

Parameter	Units	Ref.Method	Specification	Test Result
*Fluoride as F	ppm	FCC	10.0 max.	<10.0
*Arsenic as As	ppm	ICP-OES	3.0 max.	<1.0
*Lead as Pb	ppm	ICP-OES	2.0 max.	<1.0
*Cadmium as Cd	ppm	ICP-OES	1.0 max.	<1.0
*Mercury as Hg	ppm	ICP-OES	1.0 max.	<1.0

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

Parameter	Units	Ref.Method	Specification	Test Result
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Quality In Charge

QA/QC Department Head

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••End of Test Report••

Updated on: 01/01/20105