

Aarti Phosphates

An ISO 9001:2008 certified company

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Certificate of Analysis

Customer Name: -Invoice No.: NA

 $Product\ Name:\ \ {\it Tri\ Sodium\ Phosphate,\ Dodecahydrate,\ CAS\ No:\ 10101-89-0\ ,\ Formula:\ Na3PO4.12H20}$

Grade: Technical / Industrial Batch Number: 08 / 22

Mfg. Date: 02 / 08 / 2017 Expiry Date: 01 / 08 / 2019 Quantity: -Analysis Date: 03

After the testing of above mentioned product following results were obtained:

Characteristic	Unit/Measure	Specifications maintained	Actual result obtained
Description	Visual	Almost White crystals	White crystals
Identification		Complies	Complies
PH	1 % w/v	Minimum 11.0	11.95
Loss on drying	-	-	-
Assay	%	-	-
Phosphorus Pentoxide P ₂ O ₅	%	Minimum 18.0	18.33
Solubility		Soluble in water	Soluble in water
Clarity of Solution	1 % w/v	Clear and colorless solution	Clear and colorless solution

Remark:

Water insoluble matter: 0.002 % Chloride: Under 0.07 %, Result: 0.005 % Sulphate: Under 0.05 %, Result: 0.008 % Iron: Under 0.006 %, Result: 0.004 %

Lead: No limit

Arsenic: Under 30 ppm, Result: 4 ppm

Heavy Metals: No limit

These results and findings are obtained at the above mentioned time and place, carried out for the mentioned product only by our FDA approved chemists using standard methods and procedure

For Aarti Phosphates

Authorized signatory

Analyst

Sharly Prokash

Date: 06 / 02 / 2019