

Certificate of Analysis

Customer Name: - Invoice No.: N A
 Product Name: Tri Sodium Phosphate Dodecahydrate, Formula: Na₃PO₄, CAS No: 7601-54-9 10101-89-0
 Grade: Pure / LR Grade(Food, Pharmaceutical, LR , Biotec use) Batch Number: 10 / 18 / 16
 Mfg. Date: 06 / 10 / 2018 Expiry Date: 05 / 10 / 2020
 Quantity: Analysis Date: 07 / 10 / 2018

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

Characteristic	Unit/Measure	Specifications maintained	Actual result obtained
Description	visual	White crystals	White crystals
Identification		complies	complies
PH	1 % w/v	Maximum 11.0	11.50
Loss on drying		-	-
Assay	%	-	-
Phosphorus Pentoxide P₂O₅	%	Minimum 18.0	18.10
Solubility		Soluble in water	Soluble in water
Clarity of Solution	5 % w/v	Clear solution	Clear solution
Sulfate as SO₄	%	Under 0.02	0.004
Iron as Fe	%	Under 0.002	0.001
Chloride as Cl	%	Under 0.02	0.009
Arsenic as As	%	Under 0.0002	nil
Fluoride as F	%	Under 0.0002	nil
Heavy Metals	%	Under 0.0002	< 0.1

Remark:

Water insoluble matter : 0.003 %
 Lead: Under 2 ppm, Result: nil

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

Date: 06 / 02 / 2019