

Certificate of Analysis

Customer Name: -

Invoice No.: NA

Product Name: Mono Sodium Phosphate (Other name: Sodium Dihydrogen Orthophosphate, Sodium phosphate Monobasic) (CAS No: 7758 - 80 - 7, Formula: NaH_2PO_4 , Molar mass: 119.98 g/mol)

Grade: Pure Grade (Pharmaceutical and IP Equivalent)

Batch Number: 11 / 17 / 03

Mfg. Date: 02 / 05 / 2017

Expiry Date: 01 / 05 / 2019

Quantity: -

Analysis Date: 03 / 05 / 2017

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

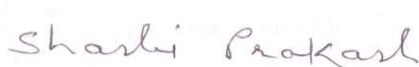
Characteristic	Unit/Measure	Specifications maintained	Actual result obtained
Description	Visual	White fine powder	White fine powder
Identification		Complies	Complies
PH	1 % w/v	4.0 - 5.0	4.52
Loss on drying	at 110 degree Celsius for 1 hour	Maximum 2.0 %	0.3 %
Assay	%	Minimum 98.0	99.6
Phosphorus Pentoxide P_2O_5	%	Minimum 58.0	58.8
Solubility		Soluble in water	Soluble in water
Clarity of Solution	5 % w/v	Clear and colorless solution	Clear and colorless solution
Sulfate as SO_4	ppm	Under 100	40
Iron as Fe	ppm	Under 15	4
Chloride as Cl	ppm	Under 100	55
Arsenic as As	ppm	Under 1	nil
Fluoride as F	ppm	Under 1	nil
Heavy Metals	ppm	Under 2	< 1

Remark:

Water insoluble matter: 0.0002 %
lead: 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: 05 / 05 / 2017