



Certificate of Analysis

Sodium Phosphate Monobasic Anhydrous USP/FCC/EP/BP

Catalog Number: SP1002
Lot Number: 0211903
CAS Number: 7558-80-7
Synonym(s): Monosodium phosphate, Sodium dihydrogen phosphate
Molecular Formula: NaH_2PO_4
Molecular Weight: 119.98
Storage: 15°C – 30°C
Date of Manufacture: November 17, 2018
Retest Date: November 16, 2023

Test	Specification	Result
Appearance	White Granular Powder	Complies
Assay	99.0 – 100.5%	99.93%
Identification	To pass test	Conforms
pH (H ₂ O)		
5%	4.1 - 4.5	4.31
1%	4.3 – 4.9	4.43
Insoluble substances	≤ 0.2%	0.004%
Moisture (LOD)	≤ 1.0%	0.046%
Chloride	≤ 0.005%	< 0.005%
Sulfate	≤ 0.002%	< 0.002%
Heavy Metals	≤ 0.001%	< 0.001%
Arsenic	≤ 1ppm	< 1ppm
Iron	≤ 0.001%	< 0.001%
Fluoride	≤ 0.005%	< 0.005%
Lead	≤ 4mg/kg	3.3mg/kg
Ca, Al and related elements	To pass test	Conforms
Reducing Substances	To pass test	Conforms
Residual Solvents: Water was the only solvent used during production of the product.		

Approved by:

Date: February 14, 2019

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