



Specification

Sodium Phosphate Monobasic Anhydrous USP/FCC/EP/BP

Catalog Number: SP1002
CAS Number: 7558-80-7
Synonym(s): Monosodium dihydrogen orthophosphate, Monosodium phosphate, Sodium dihydrogen phosphate
Molecular Formula: NaH_2PO_4
Molecular Weight: 119.98
Storage: 15°C – 30°C
Retest Period: Three years from date of manufacture.

Test	Specification
Appearance	White granular powder
Assay	99.0 – 100.5%
Identification	To pass test
Solubility (10%, H_2O)	Clear and colorless
pH (H_2O)	
1%	4.3 – 4.9
5%	4.1 – 4.5
Moisture (LOD)	≤ 1.0%
Insoluble Substances	≤ 0.2%
Chloride	≤ 0.005%
Sulfate	≤ 0.001%
Heavy Metals (as Pb)	≤ 0.002%
Arsenic	≤ 1ppm
Fluoride	≤ 0.005%
Iron	≤ 0.001%
Lead	≤ 4mg/kg
Al, Ca, & Related Elements	To pass test
Reducing Substances	To pass test
Residual Solvents: Water is the only solvent used during manufacturing.	
All lots meet the current specifications for USP/FCC/EP/BP.	

Approved:

John Grubb, PhD
Gojira Fine Chemicals
Quality Manager

Date: August 9, 2018



Gojira Fine Chemicals, LLC
Quality Products & Services Meeting Customer Needs
5386 Majestic Parkway, Suite 7, Bedford Heights, OH 44146
www.gojirafc.com • sales@gojirafc.com

Tel: 440-252-5397, Fax: 888-211-5523
docsupport@gojirafc.com