

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

Specification

Sodium Phosphate Monobasic Monohydrate ACS/USP/FCC

Catalog Number:	SP1011
CAS Number:	10049-21-5
Molecular Formula:	NaH ₂ PO ₄ •H ₂ O
Molecular Weight:	137.99
Storage:	15°C – 30°C
Retest Date:	Five years after date of manufacture.

Test	Specification
Appearance	White crystalline powder
Purity	98.0 - 103.0%
Identification	
Sodium	To pass test
Phosphate	To pass test
pH (5%)	4.2 - 4.5
Solubility	Freely soluble in H ₂ O, clear & colorless
Moisture (LOD)	10.0 – 15.0%
Insoluble Matter	≤ 0.01%
Chloride	≤ 0.0005%
Sulfate	≤ 0.003%
Heavy Metals (As Pb)	≤ 10ppm
Arsenic	≤ 3ppm
Iron	≤ 10ppm
Aluminum, Calcium and Related Elements	To pass test
Calcium	≤ 0.005%
Fluoride	≤ 0.005%
Potassium	≤ 0.01%
Residual Solvents: Water was the only solven	t used during production.

Approved by:

ohn grubb

John Grubb, PhD Gojira Fine Chemicals, LLC **Quality Manager** Tel: 440-539-7033 Fax: 888-211-5523 john@gojirafc.com

Date: November 6, 2019

For research or further manufacturing. Not for drug, clinical or a food use in humans or animals.