

**Product:** Sodium Phosphate Monobasic, Monohydrate, USP  
**Catalog Number:** 79905

**Formula:**  $\text{NaH}_2\text{PO}_4 \cdot \text{H}_2\text{O}$   
**Formula Weight:** 137.99  
**CAS Number:** 10049-21-5

**SPECIFICATION**

<u>Test</u>	<u>Specification</u>
Assay (on dried basis) .....	98.0% to 103.0%
Appearance .....	white crystals or crystalline powder
Identification .....	positive for sodium and positive for phosphate
Insoluble Substance .....	NMT 0.2%
pH (5% solution in H <sub>2</sub> O).....	4.1 to 4.5
Water (By KFT).....	10.0% to 15.0%
Heavy Metals (as Pb) .....	NMT 0.002%
Aluminum, Calcium, and related elements: (1.0g in 10ml water does not become turbid on making the solution alkaline with 6N NH <sub>4</sub> OH) .....	passes test
Arsenic (As) .....	NMT 8ppm
Chloride (Cl).....	NMT 0.014%
Sulfate (SO <sub>4</sub> ).....	NMT 0.15%

**Additional Information**

Retest Date .....

Storage Conditions ..... 15°C to 30°C