

sodium dihydrogen orthophosphate

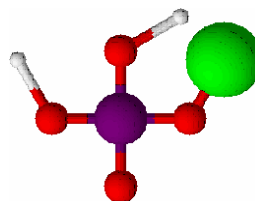
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S2481NN **Gold Line**

anhydrous

Typical analysis

Assay	min 97%
Arsenic (As)	0.0002%
Chloride (Cl)	0.005%
Iron (Fe)	0.001%
Lead (Pb)	0.001%
Loss on drying (105°C)	0.5%
Sulphate (SO ₄)	0.03%

**Packaging**

500g white plastic jar

Physical properties, composition and data

Chemical formula	NaH ₂ PO ₄
Synonym	Acid sodium phosphate; Sodium biphosphate; Sodium dihydrogen phosphate; Sodium phosphate monobasic; Monosodium orthophosphate primary sodium phosphates
Chemical group	Phosphates
Atomic weight	119.98
Appearance	White crystalline powder
Solubility	Soluble in water
Melting point	225°C
Boiling point	Decomposes
pH (aqueous solution)	4.1 - 5.0

Laboratory preparation, applications and practices

Laboratory preparation	By treating di-sodium phosphate with proper proportion of phosphoric acid
Usage	Analytical reagent

Storage and handling information

Disposal methods	3
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Transport regulations

Tariff code	2835.22.00
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