

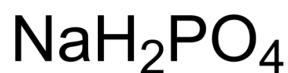
Anhydrous sodium dihydrogen phosphate, for HPLC

Cat. No.: HY-B2243A
CAS No.: 7558-80-7
Batch No.: 364162
Chemical Name: Phosphoric acid, sodium salt (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: NaH_2PO_4
Molecular Weight: 119.98
Storage: 4°C, sealed storage, away from moisture
* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)
Assay, $\omega/\%$: 100.1
Water Insoluble Substance, $\omega/\%$: 0.001
Reducing Substance: Qualified
Aluminium(Al), $\omega/\%$: Qualified
Lead(Pb), $\omega/\%$: 0.0002
Arsenic(As), $\omega/\%$: 0.0001
Iron(Fe), $\omega/\%$: 0.001
Heavy Metals(as Pb): Qualified
Loss On Drying, $\omega/\%$: 0.8
Nitrate(NO_3), $\omega/\%$: 0.001
Carbonate (CO_3): Qualified
Cadmium (Cd), $\omega/\%$: Qualified
Mercury (Hg), $\omega/\%$: Qualified
Acidity: 4.2
Absorbance: 0.05
Absorbance: 0.02
Absorbance: 0.02

Absorbance:	0.01
Absorbance:	0
Condensed Phosphate:	Qualified
Bacterial Endotoxin,EU:	Qualified
Zinc(Zn), ω /%:	Qualified
Calcium(Ca), ω /%:	0.003
Magnesium(Mg), ω /%:	0.0002
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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