

Technical Datasheet

Article No. 1373

Sodium dihydrogen phosphate monohydrate p. a., ACS
 99.0–102.0 % $\text{NaH}_2\text{PO}_4 \times \text{H}_2\text{O}$

For laboratory use.

Parameter	Value
Appearance	colourless to white solid
Melting point	100 °C
Mol.-Weight	137.99 g/mol
Density (20 °C)	2.04 g/cm ³
Solubility in water (20 °C)	850 g/l
Insoluble matter	max. 0.01 %
Sulfate (SO ₄)	max. 0.002 %
Nitrogen (N)	max. 0.001 %
Potassium (K)	max. 0.005 %
Calcium (Ca)	max. 0.005 %
Iron (Fe)	max. 0.0005 %
Arsenic (As)	max. 0.0005 %
Chloride (Cl)	max. 0.0005 %
Cadmium (Cd)	max. 0.0001 %
Copper (Cu)	max. 0.0001 %
Chromium (Cr)	max. 0.0001 %
Nickel (Ni)	max. 0.0001 %
Heavy metals (as Pb)	max. 0.0005 %
pH (5 %, 25 °C)	4.1–4.5