

Technical Datasheet

Article No. 1310

Di-Sodium hydrogen phosphate dodecahydrate pure, DAB, Ph. Eur., BP, Ph. Franc., E339

98.5–101.0 % Na₂HPO₄ x 12 H₂O

For laboratory use.

Parameter	Value
Appearance	colourless solid
Density	1.52 g/cm ³
Mol.-Weight	358.14 g/mol
pH	9.0–9.4 (50g/l H ₂ O)
Water solubility	218.0 g/l
Sodium dihydrogen phosphate (NaH ₂ PO ₄)	max. 0.5 %
Water	57.0–61.0 %
Arsenic (As)	max. 0.0001 %
Copper (Cu)	max. 0.001 %
Iron (Fe)	max. 0.001 %
Potassium (K)	max. 0.005 %
Lead (Pb)	max. 0.001 %
Zinc (Zn)	max. 0.001 %
Heavy metals (as Pb)	max. 0.001 %
Chloride (Cl)	max. 0.001 %
Fluoride (F)	max. 0.001 %
Sulfate (SO ₄)	max. 0.01 %