

Certificate of Analysis - COA

Product Name: di-Sodium Hydrogen Phosphate Dodecahydrate
Sodium Phosphate Dibasic Dodecahydrate
(Laboratory Reagent, Extra Pure)
Product Code: CH-01-1245
Chemical Formula: Na₂HPO₄·12H₂O
Molecular Weight: 358.14 g/mol
CAS No: 10039-32-4
UN No: --
Batch No: NOR2268
Expiry Date: Jul-2027

Tests	Specifications	Results
Appearance	Colorless crystals	Colorless crystals
Assay (as Na ₂ HPO ₄ ·12H ₂ O)	Min. 99.0%	99.13%
pH (5% solution; 20°C)	9.1 - 9.4	9.36
Chloride (Cl)	Max. 0.005%	0.0040%
Sulphate (SO ₄)	Max. 0.005%	0.0039%
Total nitrogen (N)	Max. 0.001%	< 0.001%
Heavy metal (as Pb)	Max. 0.0005%	Nil
Iron (Fe)	Max. 0.0005%	0.000084%
Potassium (K)	Max. 0.005%	0.000716%
Arsenic (As)	Max. 0.00005%	< 0.00005%