

# S Sodium hydrogen carbonate

## Sodium hydrogen carbonate AnalR NORMAPUR® ACS, Reag. Ph. Eur. analytical reagent

Assay (calculated on dried substance) 99.7 to 100.3 %	Appearance of solution ..... Passes test Ph.Eur.
Carbonates ..... Passes test Ph.Eur.	Identification A ..... Passes test Ph.Eur.
Identification B ..... Passes test Ph.Eur.	Identification C ..... Passes test Ph.Eur.
Solution S ..... Passes test Ph.Eur.	Heavy metals (as Pb) ..... Max. 5 ppm
Insolubility in water ..... Max. 0.015 %	Loss on drying ..... Max. 0.2 %
Reducing substances (as I) ..... Max. 65 ppm	Total N (Nitrogen) ..... Max. 5 ppm
Total S (as SO <sub>4</sub> ) ..... Max. 30 ppm	Cl (Chloride) ..... Max. 30 ppm
NH <sub>4</sub> (Ammonium) ..... Max. 5 ppm	PO <sub>4</sub> (Phosphate) ..... Max. 10 ppm
SO <sub>4</sub> (Sulphate) ..... Max. 20 ppm	As (Arsenic) ..... Max. 2 ppm
Ca (Calcium) ..... Max. 100 ppm	Cu (Copper) ..... Max. 2 ppm
Fe (Iron) ..... Max. 5 ppm	K (Potassium) ..... Max. 50 ppm
Mg (Magnesium) ..... Max. 50 ppm	Pb (Lead) ..... Max. 5 ppm
Conforms to ACS ..... Passes test	Conforms to Reag. Ph.Eur. .... Passes test

Cat. No.	Pk	Pack type
27778.236	250 g	Plastic bottle for solids
27778.260	500 g	Plastic bottle for solids
27778.293	1 kg	Plastic bottle for solids
27778.360	5 kg	Plastic bottle for solids
27778.460	25 kg	Cardboard carton

## Sodium hydrogen carbonate Ph. Eur.

Assay ..... 99.0 to 101.0 %	Appearance ..... White crystalline powder
Identification A ..... Passes test	Identification B ..... Passes test
Identification C ..... Passes test	Solution S ..... Passes test
Appearance of solution ..... Passes test	CO <sub>3</sub> (Carbonate) ..... Passes test
Cl (Chloride) ..... Max. 150 ppm	SO <sub>4</sub> (Sulphate) ..... Max. 150 ppm
NH <sub>4</sub> (Ammonium) ..... Max. 20 ppm	As (Arsenic) ..... Max. 2 ppm
Ca (Calcium) ..... Max. 100 ppm	Fe (Iron) ..... Max. 20 ppm
Heavy metals (as Pb) ..... Max. 10 ppm	Residual solvents ..... Passes test

Cat. No.	Pk	Pack type
27775.293	1 kg	Plastic bottle for solids
27775.362	5 kg	Plastic bottle for solids
27775.464	25 kg	Bucket (Plastic)

## Sodium hydrogen carbonate GPR RECTAPUR®

Assay ..... Min. 99 %	Heavy metals (as Pb) ..... Max. 20 ppm
Cl (Chloride) ..... Max. 50 ppm	SO <sub>4</sub> (Sulphate) ..... Max. 100 ppm
Fe (Iron) ..... Max. 10 ppm	

Cat. No.	Pk	Pack type
27776.296	1 kg	Plastic bottle for solids
27776.365	5 kg	Plastic bottle for solids
27776.460	25 kg	Bucket (Plastic)

## Sodium hydrogen carbonate TECHNICAL

Assay ..... Min. 98 %
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Cat. No.	Pk	Pack type
27780.291	1 kg	Plastic bottle for solids
27780.360	5 kg	Bucket (Plastic)

## Sodium hydrogen carbonate in aqueous solution

CAS 144-55-8

EINECS: 205-633-8

NaHCO<sub>3</sub>

Storage Temperature: Ambient temperature

## Sodium hydrogen carbonate 0.35% in aqueous solution AVS TITRINORM® volumetric solution

Assay ..... 0.30 to 0.40 %
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Cat. No.	Pk	Pack type
307212.2500	2,5 l	Plastic bottle

## Sodium hydrogen carbonate 0.5 mol/l in aqueous solution Reag. Ph. Eur. 1081301

Cat. No.	Pk	Pack type
87932.290	1 l	Plastic bottle

Supplied with certificate of analysis. Normally manufactured to order. Please check with customer services.

## di-Sodium hydrogen phosphate

Sodium phosphate dibasic, di-Sodium hydrogen orthophosphate

CAS 7558-79-4

EINECS: 231-448-7

Na<sub>2</sub>HPO<sub>4</sub>

M.W. 141.96 g/mol

Density: 1.53 g/cm<sup>3</sup> (20 °C)

Melting Pt: 250 °C

Storage Temperature: Ambient temperature

## di-Sodium hydrogen phosphate, anhydrous AnalR NORMAPUR® ACS, Reag. Ph. Eur. analytical reagent

Assay ..... Min. 99.0 %	pH (25°C; 5 %) ..... 8.7 to 9.3
Heavy metals (as Pb) ..... Max. 10 ppm	Insolubility in water ..... Max. 100 ppm
Loss on drying (105°C) ..... Max. 0.2 %	Cl (Chloride) ..... Max. 10 ppm
SO <sub>4</sub> (Sulphate) ..... Max. 50 ppm	Cu (Copper) ..... Max. 3 ppm
Fe (Iron) ..... Max. 10 ppm	K (Potassium) ..... Max. 100 ppm
Pb (Lead) ..... Max. 10 ppm	Conforms to ACS ..... Passes test
Conforms to Reag. Ph.Eur. .... Passes test	

Cat. No.	Pk	Pack type
102494C	500 g	Plastic bottle for solids
102495D	2,5 kg	Plastic bottle for solids
102491T	25 kg	Cardboard carton

## di-Sodium hydrogen phosphate GPR RECTAPUR®

Assay ..... Min. 99 %	Heavy metals (as Pb) ..... Max. 10 ppm
Cl (Chloride) ..... Max. 0.02 %	SO <sub>4</sub> (Sulphate) ..... Max. 0.05 %
As (Arsenic) ..... Max. 2 ppm	Fe (Iron) ..... Max. 50 ppm

Cat. No.	Pk	Pack type
28026.260	500 g	Plastic bottle for solids
28026.292	1 kg	Plastic bottle for solids
28026.361	5 kg	Plastic bottle for solids
28026.460	25 kg	Bucket (Plastic)

## di-Sodium hydrogen phosphate, anhydrous Electran® Molecular biology grade

Appearance ..... White powder
Assay (acidimetric) ..... Min. 99.5 %
Cl (Chloride) ..... Max. 0.005 %
Heavy metals (as Pb) ..... Max. 0.001 %
Absorbance (260 nm) (0.1 mol/l) ..... Max. 0.05
Absorbance (280 nm) (0.1 mol/l) ..... Max. 0.05
DNases (exo- and endonucleases) ..... Not detected
RNases ..... Not detected
Proteases ..... Not detected

Cat. No.	Pk	Pack type
444423K	250 g	Plastic bottle for solids
444425M	1 kg	Glass bottle for solids