

di-Sodium hydrogen phosphate dodecahydrate

≥99 %, p.a., ISO

Buffer substance

Guarantee analysis

Assay (acidim.)	99,0-102,0 %
In H ₂ O insoluble matter	≤0,005 %
Nitrogen compounds (as N)	≤0,001 %
Sulphate (SO ₄)	≤0,005 %
Arsenic (As)	≤0,00005 %
Lead (Pb)	≤0,0005 %
Cadmium (Cd)	≤0,0005 %
Calcium (Ca)	≤0,001 %
Chloride (Cl)	≤0,0005 %
Iron (Fe)	≤0,0005 %
Potassium (K)	≤0,01 %
Cobalt (Co)	≤0,0005 %
Copper (Cu)	≤0,0005 %
Magnesium (Mg)	≤0,001 %
Manganese (Mn)	≤0,0005 %
Nickel (Ni)	≤0,0005 %
Heavy metals (as Pb)	≤0,0005 %
Zinc (Zn)	≤0,0005 %

Art. No.	Pack Qty.	Pack.
T106.1	500 g	plastic
T106.2	1 kg	plastic
T106.3	2.5 kg	plastic

di-Sodium hydrogen phosphate dodecahydrate

≥98,5 %, Ph. Eur.

Type analysis

Appearance	colourless crystals
Assay (acidim.)	98,5-102,5 %
Identity	complies
Appearance of solution	clear, colorless
Loss on drying (130 °C)	57-61 %
Sodium dihydrogen phosphate	≤2,5 %
Sulphate (SO ₄)	≤0,05 %
Chloride (Cl)	≤0,02 %
Iron (Fe)	≤0,002 %
KMnO ₄ red. matter	complies

Art. No.	Pack Qty.	Pack.
N350.3	100 g	plastic
N350.1	1 kg	plastic
N350.2	5 kg	plastic
N350.5	25 kg	plastic

Sodium hydrogen sulphate

Sodium bisulphate

NaHSO₄ · D 2,43 g/cm³ · mp 179 °C

CAS No. 7681-38-1 · EC no. 231-665-7

WGK 1

 **Danger H318**

Sodium hydrogen sulphate

≥93 %, pearls

Type analysis

Appearance	white to light yellow pearls
Assay (titr.)	≥93 %
Water	≤0,2 %
Iron (Fe)	≤0,015 %

Art. No.	Pack Qty.	Pack.
2373.1	1 kg	plastic
2373.2	5 kg	plastic

Sodium hydrogen sulphite solution

► Sodium bisulphite solution see page 635

Sodium hydrosulphide

Sodium sulfhydrate

NaHS · x H₂O · D 1,55 g/cm³ · mp ≥44 to ≤48 °C

M 56,06 + x H₂O g/mol

CAS No. 207683-19-0 · EC no. 683-666-0

UN no. 2949 · ADR 8 II · WGK 3

 **Danger H290-H301-H314-H400-EUH031 EUH071**

Sodium hydrosulphide

≥70 %, pure, flakes

Type analysis

Assay	70,0-73,0 %
Sodium carbonate (Na ₂ CO ₃)	≤1,0 %
Sodium sulfide (Na ₂ S)	≤2,5 %
Fe (Iron)	≤0,001 %

Art. No.	Pack Qty.	Pack.
1KPK.1	100 g	plastic
1KPK.2	500 g	plastic
1KPK.3	1 kg	plastic
1KPK.4	2.5 kg	plastic

Sodium hydroxide

NaOH · D 2,13 g/cm³ · mp 323 °C · bp 1388 °C

M 40,0 g/mol

CAS No. 1310-73-2 · EC no. 215-185-5

UN no. 1823 · ADR 8 II · WGK 1

 **Danger H290-H314**

Sodium hydroxide

≥98 %, p.a., ISO, in pellets

Reagent for the preparation of sodium hydroxide solution.

Guarantee analysis

Assay (acidim.)	≥98 %
Carbonate (as Na ₂ CO ₃)	≤1 %
Total nitrogen (as N)	≤0,001 %
Chloride (Cl)	≤0,005 %
Sulphate (SO ₄)	≤0,005 %
Phosphate (PO ₄)	≤0,001 %
Silicate (SiO ₂)	≤0,01 %
Heavy metals (as Pb)	≤0,0005 %
Aluminium (Al)	≤0,002 %
Calcium (Ca)	≤0,002 %
Iron (Fe)	≤0,001 %
Magnesium (Mg)	≤0,0005 %
Potassium (K)	≤0,05 %
Nickel (Ni)	≤0,001 %
Lead (Pb)	≤0,001 %
Arsenic (As)	≤0,0001 %
Zinc (Zn)	≤0,001 %

Art. No.	Pack Qty.	Pack.
6771.3	500 g	plastic
6771.1	1 kg	plastic
6771.4	2.5 kg	plastic
6771.2	5 kg	plastic
6771.6	10 kg	plastic
6771.5	25 kg	plastic

Sodium hydroxide

≥97 %, p.a., ACS, in pellets

Guarantee analysis

Assay	≥97,0 %
Carbonate (as Na ₂ CO ₃)	≤1,0 %
Total nitrogen (as N)	≤0,001 %
Chloride (Cl)	≤0,005 %
Phosphate (PO ₄)	≤0,001 %
Sulphate (SO ₄)	≤0,003 %
Heavy metals (as Ag)	≤0,002 %

Ca (Calcium)	≤0,005 %
Fe (Iron)	≤0,001 %
Hg (Mercury)	≤0,00001 %
K (Potassium)	≤0,02 %
Mg (Magnesium)	≤0,002 %
Ni (Nickel)	≤0,001 %

Art. No.	Pack Qty.	Pack.
1CCX.1	500 g	plastic
1CCX.2	1 kg	plastic
1CCX.3	2.5 kg	plastic
1CCX.4	5 kg	plastic
1CCX.5	10 kg	plastic
1CCX.6	25 kg	plastic

Sodium hydroxide

≥98 %, Ph. Eur., USP, BP, in pellets

Guarantee analysis

Assay (acidim.)	98,0-100,5 %
Identity	complies
Appearance of solution	complies
Insoluble matter	complies
Carbonate (as Na ₂ CO ₃)	≤1,0 %
Chloride (Cl)	≤0,02 %
Sulphate (SO ₄)	≤0,02 %
Iron (Fe)	≤0,001 %
Potassium (K)	≤0,5 %
Sodium (Na)	54-59,8 %

Art. No.	Pack Qty.	Pack.
P031.1	500 g	plastic
P031.2	1 kg	plastic
P031.4	2.5 kg	plastic
P031.3	5 kg	plastic
P031.5	10 kg	plastic
P031.7	25 kg	plastic

Sodium hydroxide

≥99 %, beads

Reagent for neutralization.

Type analysis

Assay	≥99,0 %
Aluminium (Al)	≤0,0001 %
Arsenic (As)	≤0,0001 %
Lead (Pb)	≤0,00005 %
Cadmium (Cd)	≤0,00005 %
Calcium (Ca)	≤0,001 %
Chromium (Cr)	≤0,0002 %
Iron (Fe)	≤0,001 %
Copper (Cu)	≤0,00005 %
Nickel (Ni)	≤0,001 %
Mercury (Hg)	≤0,000001 %
Sodium carbonate (Na ₂ CO ₃)	≤0,4 %
Sodium chloride (NaCl)	≤0,02 %
Sodium sulphate (Na ₂ SO ₄)	≤0,02 %
Silicate (SiO ₂)	≤0,002 %

Art. No.	Pack Qty.	Pack.
9356.1	1 kg	plastic
9356.4	2.5 kg	plastic
9356.3	5 kg	plastic
9356.2	10 kg	plastic
9356.5	25 kg	plastic

Sodium hydroxide solution

M 40,01 g/mol

CAS No. 1310-73-2 · EC no. 215-185-5

Sodium hydroxide solution 50 %