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[GET YOURS HERE](#)**NaOH**[Toutes les photos \(1\)](#)

Documents

[↓ FDS](#)[🔍 COO/COA](#)[📄 Fiche des caractéristiques](#)[Plus de documents »](#)**72068** ▶ **Sigma-Aldrich**

Sodium hydroxide solution

★★★★★ (0)

BioUltra, for molecular biology, 10 M in H₂O

Formule linéaire:

NaOH

Numéro CAS:

1310-73-2

Poids moléculaire:

40.00

Numéro MDL:

MFCD00003548

ID de substance PubChem:

57652395

NACRES:

NA.26

Référence	Conditionnement	Disponibilité	Prix	Quantité
72068-100ML	100 ML	✓ Disponible pour expédition le 06 octobre 2022	Détails... 93,00 €	– + i

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<

NaOH

S2770

Sodium hydroxide solution

1.0 N, BioReagent, suitable for cell culture

NaOH

SX0607N

Sodium hydroxide solution (10.0N)



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PROPRIÉTÉS

Qualité	for molecular biology
Niveau de qualité	200
Pression de vapeur	3 mmHg (37 °C)
Gamme de produits	BioUltra
Forme	liquid
Concentration	10 M in H ₂ O 9500-10500 mmol/L (titration, acidimetric)
technique(s)	ELISA: suitable
	DNases, none detected

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pH	14
Densité	1.320-1.340 g/cm ³
Traces de cations	Ba: ≤1 mg/kg Bi: ≤1 mg/kg Ca: ≤5 mg/kg Cd: ≤1 mg/kg Co: ≤1 mg/kg Cr: ≤1 mg/kg Cu: ≤1 mg/kg Fe: ≤1 mg/kg K: ≤100 mg/kg Li: ≤1 mg/kg Mg: ≤1 mg/kg Mn: ≤1 mg/kg Mo: ≤1 mg/kg Ni: ≤1 mg/kg Pb: ≤1 mg/kg Sr: ≤1 mg/kg Zn: ≤1 mg/kg
λ	neat
Absorption UV	λ: 260 nm A _{max} : ≤0.08 λ: 280 nm A _{max} : ≤0.05

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InChI 1S/Na.H2O/h;1H2/q+1;/p-1

InChI key HEMHJVSKTPXQMS-UHFFFAOYSA-M

Vous recherchez des produits similaires ? Visitez [Guide de comparaison des produits](#)

Catégories apparentées

[Caustic Alkalis & Bases](#)

DESCRIPTION

Description générale

Sodium hydroxide (NaOH) is an inorganic, white solid compound, which is found as pellets, flakes, and granules. This highly caustic metallic base and alkali can readily absorb moisture and carbon dioxide in the air. NaOH is deliquescent and soluble in ethanol, water, and methanol.

Application

Sodium hydroxide solution has been used:

- to prepare reagent A (0.1 M NaOH) for the pH inactivation of endogenous L-lactate by L-lactate dehydrogenase (L-LDH)
- as a component of fresh alkaline melting solution for the denaturation of the antisense strand
- to prepare Type-I collagen hydrogels for microfluidic device fabrication

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Sodium hydroxide (NaOH) is used in various industries, including textiles, drinking water, soaps, and detergents, pulp and paper manufacturing, and as a drain cleaner.

INFORMATIONS SUR LA SÉCURITÉ

Pictograms**GHS05****Mention d'avertissement**

Danger

Mentions de danger**H290 - H314****Conseils de prudence****P234 - P280 - P303 + P361 +
P353 - P304 + P340 + P310 -
P305 + P351 + P338 - P363****Classification des risques**Eye Dam. 1 - Met. Corr. 1 -
Skin Corr. 1A**Code de la classe de
stockage**8B - Non-combustible,
corrosive hazardous
materials**WGK**

WGK 1

Flash Point(F)

Not applicable

Point d'éclair C

Not applicable

**Équipement de protection
individuelle**Faceshields, Gloves, Goggles,
type ABEK (EN14387)
respirator filter

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Numéro de lot

e.g. 023J5431

Comment saisir un numéro de lot (COA)

Rechercher

Certificat d'origine

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Numéro de lot

e.g. 023J5431

Comment saisir un numéro de lot (COO)

Rechercher

Plus De Documents

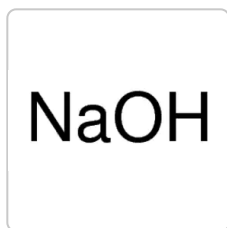
[Molarity Calculator](#)

[Structure Search](#)

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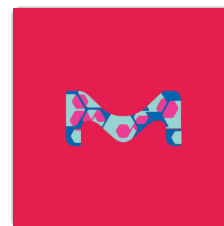
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Sigma-Aldrich

S8045**Sodium hydroxide**

BioXtra, ≥98% (acidimetric), pellets (anhydrous)

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Sigma-Aldrich

2105**Sodium hydroxide solution**

0.1 N

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ARTICLES REVUS PAR DES PAIRS

Inhibition of indoleamine 2,3-dioxygenase promotes vascular inflammation and increases atherosclerosis in Apoe^{-/-} mice.

Konstantinos A Polyzos et al.*Cardiovascular research, 106(2), 295-302 (2015-03-10)*

Atherosclerosis is a chronic inflammatory disease that is initiated by the retention and accumulation of low-density lipoprotein in the artery, leading to maladaptive response of cells from the immune system and vessel wall. Strong evidence implicates indoleamine 2,3-dioxygenase (IDO), the

Correlation between low FAT1 expression and early affected muscle in facioscapulohumeral muscular dystrophy.

Virginie Mariot et al.*Annals of neurology, 78(3), 387-400 (2015-05-29)*

Facioscapulohumeral muscular dystrophy (FSHD) is linked to either contraction of D4Z4 repeats on chromosome 4 or to mutations in the SMCHD1 gene, both of which result in the aberrant expression of the transcription factor DUX4. However, it is still difficult

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Does ulipristal acetate (UPA) used for emergency contraception (EC) interfere with the human embryo implantation process? UPA, at the dosage used for EC, does not affect human embryo implantation process, in vitro. A single pre-ovulatory dose of UPA (30 mg)

Nontoxic polyphosphate inhibitors reduce thrombosis while sparing hemostasis.

Richard J Travers et al.

Blood, 124(22), 3183-3190 (2014-09-10)

Polyphosphate (polyP) is secreted by activated platelets and has been shown to contribute to thrombosis, suggesting that it could be a novel antithrombotic target. Previously reported polyP inhibitors based on polycationic substances, such as polyethylenimine, polyamidoamine dendrimers, and polymyxin B

Directing valvular interstitial cell myofibroblast-like differentiation in a hybrid hydrogel platform.

Jesper Hjortnaes et al.

Advanced healthcare materials, 4(1), 121-130 (2014-06-25)

Three dimensional (3D) hydrogel platforms are powerful tools, providing controllable, physiologically relevant microenvironments that could aid in understanding how various environmental factors direct valvular interstitial cell (VIC) phenotype. Continuous activation of VICs and their transformation from quiescent fibroblast to activated

[Afficher tous les articles scientifiques apparentés](#)

PROTOCOLES ET ARTICLES SCIENTIFIQUES

Protocoles

Plasmid DNA Preparation

Preparation of Plasmid DNA by Alkaline Lysis with SDS: Maxipreparation between Cold Spring Harbor Laboratory Press and our research team.

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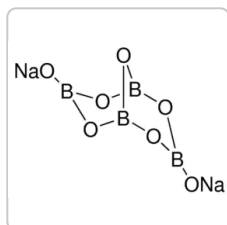
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PRODUITS CONSULTÉS RÉCEMMENT



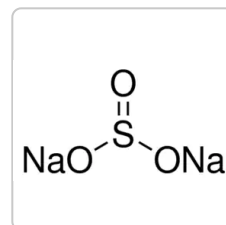
Sigma-Aldrich

71997

Borax Anhydrous

BioUltra, anhydrous, ≥99%

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Sigma-Aldrich

71988

Sodium sulfite

BioUltra, anhydrous, ≥98% (RT)

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Évaluations



[Soyez le premier à donner votre avis sur ce produit](#)

Questions

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