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Documents

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38497  Millipore®

Nitrate Reagent A

★★★★★ (0)

suitable for microbiology

Synonyme(s):

1-Naphthylamine solution

Numéro CAS: [134-32-7](#)

Numéro MDL: [MFCD00004016](#)

ID de substance PubChem: [329755769](#)

NACRES: NA.85

Référence	Conditionnement	Disponibilité	Prix	Quantité
38497-100ML-F	100 ML	 Only 3 left in stock (more on the way) Détails...	42,40 €	- + 

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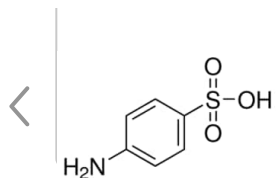
PRODUITS RECOMMANDÉS



Millipore



Millipore

**39441****Nitrate Reagent B**

suitable for microbiology

[Consulter le prix et la disponibilité](#)**73426****Nitrate Reduction Test**

suitable for microbiology

[Consulter le prix et la disponibilité](#)

PROPRIÉTÉS

Gamme de produits	BioChemika
Niveau de qualité	100
Durée de conservation	limited shelf life, expiry date on the label
Composition	acetic acid 5 N, 1000 mL α -naphthylamine, 5 g
technique(s)	microbe id metabolite detection: suitable
application(s)	agriculture clinical testing environmental food and beverages pharmaceutical microbiology
Adéquation	<i>Enterobacter</i> spp. <i>Neisseria</i> spp.

anaerobic bacteria
bacteria

InChI 1S/C10H9N/c11-10-7-3-5-8-4-1-2-6-9(8)10/h1-7H,11H2

InChI key RUFPHBVGCFYCNW-UHFFFAOYSA-N

Catégories apparentées

[Microbial identification tests](#)

DESCRIPTION

Description générale

α -Naphthylamine and sulfanilic acid are used for detection of nitrate reduction by bacteria. Organisms containing nitrate reductase reduce nitrate to nitrite, which forms a diazonium salt with sulfanilic acid and reacts with α -naphthylamine to form a red azo dye.

INFORMATIONS SUR LA SÉCURITÉ

Pictograms



GHS05

Mention d'avertissement

Danger

Mentions de danger

H314

Conseils de prudence

P280 - P303 + P361 + P353 -
P304 + P340 + P310 - P305 +
P351 + P338 - P363 - P405

Classification des risques

Eye Dam. 1 - Skin Corr. 1B

Code de la classe de stockage

WGK

WGK 1

Flash Point(F)

Not applicable

8A - Combustible, corrosive
hazardous materials

Point d'éclair C

Not applicable

**Équipement de protection
individuelle**

Faceshields, Gloves, Goggles,
type ABEK (EN14387)
respirator filter

DOCUMENTATION

Certificat d'analyse

Saisir un numéro de lot pour rechercher un certificat d'analyse (COA).

Numéro de lot

e.g. 023J5431

Comment saisir un numéro de lot (COA)

Rechercher

Certificat d'origine

Saisir un numéro de lot pour rechercher un certificat d'origine (COO).

Numéro de lot

e.g. 023J5431

Comment saisir un numéro de lot (COO)

[Rechercher](#)

LES CLIENTS ONT ÉGALEMENT CONSULTÉ



Millipore

1.09023

GRIESS-ILOSVAY'S nitrite reagent
suitable for microbiology

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Millipore

14305

Motility Nitrate Medium
NutriSelect® Plus, suitable for microbiology

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ARTICLES REVUS PAR DES PAIRS

Phenomenon of quantum entanglement in a system composed of two minimal protocells.

Arvydas Tamulis et al.*Origins of life and evolution of the biosphere : the journal of the International Society for the Study of the Origin of Life, 43(1), 49-66 (2012-12-18)*

The quantum mechanical self-assembly of two separate photoactive supramolecular systems with different photosynthetic centers was investigated by means of density functional theory methods. Quantum entangled energy transitions from one subsystem to the other and the assembly of logically controlled artificial

Narrowband ultraviolet photodetector based on MgZnO and NPB heterojunction.

Zuofu Hu et al.*Optics letters, 37(15), 3072-3074 (2012-08-04)*

An ultraviolet photodetector was fabricated based on Mg_{0.07}Zn_{0.93}O heterojunction. N, N'-bis (naphthalen-1-yl)-N, N'-bis(phenyl) benzidine was selected as the hole transporting layer. I-V characteristic curves of the device were measured in the dark and under the illumination of 340 nm

UV

Time-dependent intensity changes of free fatty acids detected by matrix-assisted laser desorption and ionization time-of-flight mass spectrometry in the presence of 1,8-bis-(dimethylamino)naphthalene--a cautionary note.

Mandy Eibisch et al.*Rapid communications in mass spectrometry : RCM, 26(13), 1573-1576 (2012-05-29)*

Dual-functional gadolinium-based copper(II) probe for selective magnetic resonance imaging and fluorescence sensing.

Xiaolin Zhang et al.*Inorganic chemistry, 51(4), 2325-2331 (2012-02-10)*

A unique gadolinium complex, Nap-DO3A-Gd, comprising a naphthylamine luminescent moiety, a di-2-picolyamine (DPA) binding chelator, and a 1,4,7,10-tetraazacyclododecane-1,4,7-triacetic acid (DO3A) moiety has been designed and synthesized as a dual-functional probe for selective magnetic resonance imaging and fluorescent sensing of copper(II)

Sertraline concentrations and postmortem redistribution.

Iain M McIntyre et al.*Forensic science international, 223(1-3), 349-352 (2012-11-08)*

Sertraline is a commonly prescribed selective inhibitor of serotonin uptake used for the treatment of mental depression and anxiety. Central blood and liver concentrations of sertraline (norsertraline) are compared to levels in peripheral blood in nine medical examiner cases. Specimens

Afficher tous les articles scientifiques apparentés

PROTOCOLES ET ARTICLES SCIENTIFIQUES

Articles

Vibrio Detection

Vibrios are motile, curved or comma-shaped bacilli and have a single polar flagella with sheet proteins. They are often found in open water, freshwater and saltwater.

On the Trail of Campylobacter

On the Trail of Campylobacter - The Campylobacter is one of the leading causes of human gastroenteritis. Common Campylobacter species *C. jejuni*, *C. coli*, and *C. lari* are responsible for most cases of campylobacteriosis. However, other species, like *C. fetus*, which causes spontaneous abortions,...

Identification of Microorganisms Based on Color

For microbiologists the most fundamental stain was developed in 1884 by the Danish bacteriologist Hans Christian Gram.

Differentiation of Escherichia coli from coliforms

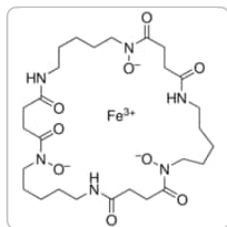
There are many other methods of detection to indicate the presence of *E. coli*. Review common tests and biochemical reactions for this contaminant.

Protocoles

US EPA Method 8270 (Appendix IX): GC Analysis of Semivolatiles on Equity®-5 (30 m x 0.25 mm I.D., 0.50 µm)

US EPA Method 8270 (Appendix IX): GC Analysis of Semivolatiles on Equity®-5 (30 m x 0.25 mm I.D., 0.50 µm)

PRODUITS CONSULTÉS RÉCEMMENT



Millipore

38266

Ferrioxamine E from *Streptomyces antibioticus*

suitable for microbiology, ≥95%

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Millipore

375095

Heparin, Sodium Salt, Porcine Intestinal Mucosa - CAS 2608411 - Calbiochem

[Consulter le prix et la disponibilité](#)

Évaluations



Soyez le premier à donner votre avis sur ce produit

Questions

Soyez le premier à poser une question

SERVICE TECHNIQUE

Notre équipe de scientifiques dispose d'une expérience dans tous les secteurs de la recherche, notamment en sciences de la vie, science des matériaux, synthèse chimique, chromatographie, analyse et dans de nombreux autres domaines..

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