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Технические характеристики

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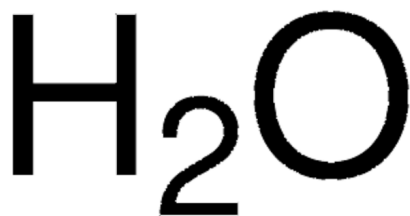
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W4502 Water

suitable for electrophoresis, PCR

Product NameWater, Nuclease-Free Water, for Molecular Biology
vapor density<1 (vs air)
Quality Level.....200
vapor pressure3 mmHg
sterility0.1 µm filtered
formliquid
technique(s).....PCR: suitable
.....electrophoresis: suitable
refractive index.....n₂₀/D 1.34 (lit.)
pH.....5-7
bp100 °C (lit.)
mp0 °C (lit.)
density1.000 g/mL at 3.98 °C (lit.)
foreign activityDNase, RNase, Protease, free
SMILES stringO
InChI.....1S/H₂O/h1H₂
InChI keyXLYOFNOQVPJJNP-UHFFFAOYSA-N

Description

Application

Water has been used-
in cDNA synthesis and PCR amplification[1][2]
for the dilution of rumen DNA sample prior to qPCR assay[3]
in PCR (polymerase chain reaction) and agarose gel electrophoresis[4]
for the elution of RNA during RNA isolation[5]

Features and Benefits

Nuclease-Free Water
DNase-Free, RNase-Free, Protease- Free
Not DEPC Treated
0.1 µm Filtered
Prepared from Double Distilled and Deionized Water
Suitable for use in Molecular Applications
This product is 0.1µm filtered. It is designated as a Molecular Biology Reagent and is suitable for molecular biology applications. This product has been analyzed for the absence of nucleases and proteases, and has undergone bioburden analysis. It has not been treated with diethyl pyrocarbonate (DEPC).

Preparation Note

This product is prepared from double distilled and deionized water

Other Notes

Easily compare specifications for Water products with the Water specification table.



ZWBASE012

ROCare

Base cleaning chemical for removing organics, grime and slime from RO membranes

Quality Level.....	300
feature	removes organics, grime and slime from RO membranes
packaging	pkg of 12 packs
storage condition	dry at room temperature (Tightly closed)
compatibility.....	for use with Elix® Advantage
.....	for use with Milli-Q® HR
.....	for use with Milli-Q® HX
.....	for use with Milli-Q® IX 7003
.....	for use with Milli-Q® IX 7005
.....	for use with Milli-Q® IX 7010
.....	for use with Milli-Q® IX 7015
shipped in	ambient

Description

General description

ROCare B is a lab water purification consumable that ensures the system's lifetime and performance by effectively removing some or most organic material buildup on the surface of the reverse osmosis (RO) membranes.

The base cleaner is delivered in a pouch and the empty pouch is removed after use. It is periodically used when prompted by the system or when the RO % rejection drops more than 5% or when the RO permeate flow rate drops more than 10% due to organic material build up.

Application

ROCare B base cleaning pouches protect RO membranes that support Elix® Advantage, Milli-Q® HR 7000, Milli-Q® HX 7000 and Milli-Q® IX 7003/05/10/15 water purification systems.

Features and Benefits

Base cleaning chemical for removing organics, grime and slime

pH 10 in an aqueous solution

Contains 12 packages

Legal Information

ELIX is a registered trademark of Merck KGaA, Darmstadt, Germany

Milli-Q is a registered trademark of Merck KGaA, Darmstadt, Germany



5874316024C

EfferSan Effervescent Tablets

Protects the reverse osmosis (RO) membrane from contaminants

Quality Level.....	300
form	tablet
composition	(mixture of troclosene sodium dihydrate, sodium carbonate and adipic acid)
packaging	pkg of 24 tablets
availability	available only in USA and Canada
storage condition	dry at room temperature (Tightly closed. Do not store near acids)
H.....	10.2 cm (4 in.)
compatibility.....	for use with AFS®
.....	for use with Elix® Advantage
.....	for use with Elix® Essential UV
.....	for use with Elix® Essential
.....	for use with Elix® Reference
.....	for use with Milli-Q® EQ 7008
.....	for use with Milli-Q® EQ 7016
.....	for use with Milli-Q® HR
.....	for use with Milli-Q® HX
.....	for use with Milli-Q® IX 7003
.....	for use with Milli-Q® IX 7005
.....	for use with Milli-Q® IX 7010
.....	for use with Milli-Q® IX 7015
.....	for use with Milli-Q® IQ 7003
.....	for use with Milli-Q® IQ 7005
.....	for use with Milli-Q® IQ 7010
.....	for use with Milli-Q® IQ 7015
.....	for use with RiOs™ Essential
shipped in	ambient

Description

General description

EfferSan Effervescent Tablets (CA) are chlorine tablets used in filtration devices such as water purification systems and cartridges. This product optimally protects reverse osmosis (RO) membranes from fouling contaminants.

Application

EfferSan Tablets are used for research and development purposes such as biochemical research/analysis or for application as an analytical reagent.

Features and Benefits

Prevents bacterial proliferation and biofilm formation to preserve RO membrane performance (ionic rejection, water recovery).

Legal Information

AFS is a registered trademark of Merck KGaA, Darmstadt, Germany
ELIX is a registered trademark of Merck KGaA, Darmstadt, Germany
Milli-Q is a registered trademark of Merck KGaA, Darmstadt, Germany
RIOS is a trademark of Merck KGaA, Darmstadt, Germany



5874316024

EfferSan Effervescent Tablets

For reverse osmosis (RO) membrane protection

Quality Level.....	300
form	tablet
composition	Active Ingredient: Sodium Dichloro-s-Triazinetrione 50%, Other Ingredient: 50%, Total 100%. Available Chlorine 31.75%
packaging	pkg of 24 tablets
H.....	10.2 cm (4 in.)
compatibility.....	for use with AFS®
.....	for use with Elix® Advantage
.....	for use with Elix® Essential UV
.....	for use with Elix® Essential
.....	for use with Elix® Reference
.....	for use with Milli-Q® EQ 7000
.....	for use with Milli-Q® EQ 7008
.....	for use with Milli-Q® EQ 7016
.....	for use with Milli-Q® HR
.....	for use with Milli-Q® HX SD
.....	for use with Milli-Q® IX 7003
.....	for use with Milli-Q® IX 7005
.....	for use with Milli-Q® IX 7010
.....	for use with Milli-Q® IX 7015
.....	for use with Milli-Q® IQ 7003
.....	for use with Milli-Q® IQ 7005
.....	for use with Milli-Q® IQ 7010
.....	for use with Milli-Q® IQ 7015
.....	for use with RiOs™ Essential
shipped in	ambient

Description

General description

EfferSan Effervescent Tablets (US) are chlorine tablets used in filtration devices such as water purification systems and cartridges.

Application

EfferSan Tablets are used for research and development purposes such as biochemical research/analysis.

Features and Benefits

This product optimally protects reverse osmosis (RO) membranes from fouling contaminants.

Storage and Stability

Keep product dry in tightly closed container when not in use. Store in a cool, dry, well-ventilated area away from heat or open flame

Legal Information

AFS is a registered trademark of Merck KGaA, Darmstadt, Germany

ELIX is a registered trademark of Merck KGaA, Darmstadt, Germany

Milli-Q is a registered trademark of Merck KGaA, Darmstadt, Germany

RIOS is a trademark of Merck KGaA, Darmstadt, Germany



ZWCL01F50 ROProtect C

Protects the reverse osmosis (RO) membrane from contaminants

Quality Level.....	300
feature	Sanitize and protects reverse osmosis membrane
composition	(mixture of triclosene sodium dihydrate, sodium carbonate and adipic acid)
packaging	pkg of 48 tablets
storage condition	dry at room temperature (Tightly closed. Do not store near acids. Keep away from heat and sources of ignition)
compatibility.....	for use with AFS®
.....	for use with Elix® Advantage
.....	for use with Elix® Essential UV
.....	for use with Elix® Essential
.....	for use with Elix® Reference
.....	for use with Milli-Q® EQ 7008
.....	for use with Milli-Q® EQ 7016
.....	for use with Milli-Q® HR
.....	for use with Milli-Q® HX
.....	for use with Milli-Q® IX 7003
.....	for use with Milli-Q® IX 7005
.....	for use with Milli-Q® IX 7010
.....	for use with Milli-Q® IX 7015
.....	for use with Milli-Q® Direct
.....	for use with Milli-Q® IQ 7003
.....	for use with Milli-Q® IQ 7005
.....	for use with Milli-Q® IQ 7010
.....	for use with Milli-Q® IQ 7015
.....	for use with RiOs™ Essential

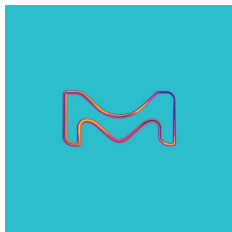
Description

General description

ROProtect C chlorine tablets are an ideal and convenient solution to sanitize and protect reverse osmosis membranes.

Legal Information

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Milli-Q is a registered trademark of Merck KGaA, Darmstadt, Germany
RIOS is a trademark of Merck KGaA, Darmstadt, Germany



SQPAKACARE **SQPAK™ Care A Cleaner**

Anti-scaling agent for use with Milli-Q® SQ 2Series RO production module.

Quality Level.....300
packagingpkg of 1 unit
compatibility.....for use with Milli-Q® SQ 2Series

Description

General description

To learn how Milli-Q® SQ 2Series water systems work and read a full overview, visit our dedicated page.

The SQPAK™ Care A Cleaner prevents scaling to safeguard the pure RO water production station of Milli-Q® SQ 2Series water purification systems.

The purification technology of the SQPAK™ Care A Cleaner uses an acidic reagent to remove mineral scaling in hydraulic parts.

This enhances system performance and extends its lifetime.

The Twist and Lock mechanism of the cartridge enables easy replacement.

For use exclusively on the pure RO water production station of Milli-Q® SQ 2Series configurations, including Milli-Q® SR 240/240L/240XL and Milli-Q® SQ 240C/240CV systems.

Legal Information

Milli-Q is a registered trademark of Merck KGaA, Darmstadt, Germany

SQPAK is a trademark of Merck KGaA, Darmstadt, Germany



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