

CERTIFICATE

for a management system as per

DIN EN ISO 9001:2015

Evidence of conformity has been furnished.

neoFroxx
For a greener laboratory

neoFroxx GmbH
Marie-Curie-Straße 3
64683 Einhausen / Germany

scope:

Production and distribution of fine and biochemicals
for cell biology, microbiology and molecular biology
as well as analytics and production

Certificate registration No. **73 100 4957**

Certificate valid from 2021-11-10 to **2024-11-09**

Audit report No. 4383 7126



Deutsche
Akkreditierungsstelle
D-ZM-14137-01-00

Darmstadt, 2021-10-18
Certification body of TÜV Hessen
– Head of Certification body –

neoFroxx GmbH

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Certificate of Analysis

Product	D-PBS (1X) w/o Ca and Mg (pH 7.4) for cell biology
Brand	BioFroxx

Product number	1429
Lot number	62EA771A
Synonyms	Phosphate buffered saline 1X, liquid
Storage	below 25°C
Manufacturing date	August 2022
Retest period (months)	36
Retest date	August 2025

Parameter	Specification	Result
Osmolality (water)	270 - 290 mOsm/kg	279 mOsm/kg
pH (25°C)	7.2 - 7.8	7.47
Composition:		
di-Sodium hydrogen phosphate anhydrous	1150.00 mg/l	complies
Potassium chloride	200.00 mg/l	complies
Potassium dihydrogen phosphate	200.00 mg/l	complies
Sodium chloride	8000.00 mg/l	complies
Sterility:		
Incubation at 32° C	sterile	complies
Incubation at 20° C	sterile	complies

Einhausen, 08.08.2022	Quality control: M.F.
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Specification

Product	Trypsin (0.05 %) - EDTA (0.02 %) solution in DPBS w/o Ca and Mg, w/o Phenol red
Brand	BioFroxx

Product number	2110
Storage	-20°C
Retest period (months)	24

Solution for dissociation of tissue and cell monolayers.

Parameter	Specification
pH	7.3 - 7.5
Osmolality	as reported
Sterility	sterile
Performance	Cell detachment
Mycoplasma	negative
Porcine parvovirus (PPV)	negative
Composition (mg/L)	
Potassium chloride	200.00
Potassium dihydrogen phosphate	200.00
Sodium chloride	8000.00
Disodium hydrogen phosphate anhydrous	1150.00
EDTA-Na ₂ dihydrate	200.00
Trypsin	500.00

Einhausen, 22.09.2021

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Certificate of Analysis

Product	Acetic acid 100 % p.A.
Brand	Labochem

Product number	LC-7167
Lot number	602E5539
Synonyms	Acetic acid glacial
Formula	C ₂ H ₄ O ₂ - CH ₃ COOH
Molecular weight	60.05 g/mol
CAS number	64-19-7
Storage	below 25°C
Manufacturing date	January 2021
Retest period (months)	48
Retest date	January 2025

Parameter	Specification	Result
Assay (GC)	min. 99.7 %	99.90 %
APHA color	max. 10 Hazen	1
Alkalinity	max. 0.0004 meq/g	complies
Insoluble matter in water	passes test	complies
Non-volatile matter	max. 0.001 %	complies
Red. subst. to KMnO ₄	passes test	complies
Residue on ignition (as SO ₄)	max. 0.0005 %	complies
Chloride (Cl)	max. 0.00004 %	complies
Phosphate (PO ₄)	max. 0.00004 %	complies
Sulfate (SO ₄)	max. 0.0001 %	complies
Nitrate (NO ₃)	max. 0.0001 %	complies
Acetaldehyde (CH ₃ CHO)	max. 0.0002 %	complies
Acetic anhydride [(CH ₃ CO) ₂ O] (GC)	max. 0.01 %	complies
Formate (HCOO)	max. 0.01 %	complies
Water	max. 0.2 %	complies
Heavy metals (as Pb)	max. 0.00005 %	complies
Ag	max. 0.000001 %	complies
As	max. 0.00005 %	complies
Au	max. 0.00001 %	complies
B	max. 0.000005 %	complies
Ba	max. 0.00001 %	complies
Be	max. 0.000001 %	complies
Bi	max. 0.000005 %	complies

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Parameter	Specification	Results
Ca	max. 0.00005 %	complies
Cd	max. 0.000001 %	complies
Co	max. 0.000001 %	complies
Cr	max. 0.000002 %	complies
Cu	max. 0.000001 %	complies
Fe	max. 0.00001 %	complies
Ga	max. 0.000005 %	complies
Ge	max. 0.000002 %	complies
Hg	max. 0.00001 %	complies
In	max. 0.000005 %	complies
K	max. 0.00001 %	complies
Li	max. 0.000001 %	complies
Mg	max. 0.00001 %	complies
Mn	max. 0.000001 %	complies
Mo	max. 0.000002 %	complies
Na	max. 0.00005 %	complies
Ni	max. 0.000005 %	complies
Pb	max. 0.00005 %	complies
Pt	max. 0.00001 %	complies
Sb	max. 0.000002 %	complies
Si	max. 0.00001 %	complies
Sn	max. 0.000005 %	complies
Sr	max. 0.000005 %	complies
Ti	max. 0.000005 %	complies
Tl	max. 0.000002 %	complies
V	max. 0.000002 %	complies
Zn	max. 0.000005 %	complies
Zr	max. 0.000005 %	complies

Einhausen, 28.10.2021

Quality control: M.F.

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Certificate of Analysis

Product	Giemsa stain solution for microscopy
Brand	BioFroxx

Product number	1092
Lot number	5DA05E7B
Storage	below 25°C
Manufacturing date	October 2019
Retest date	October 2022

Parameter	Specification	Result
Identity (UV)	complies to reference	complies
Appearance	dark blue, dark purple or maroon solution	complies

Einhausen, 14.10.2019	Quality control: M.F.
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Certificate of Analysis

Product	SSC buffer (20X) for molecular biology
Brand	BioFroxx

Product number	1467
Lot number	61977992
Storage	below 25°C
Manufacturing date	April 2020
Retest period (months)	36
Retest date	April 2023

Parameter	Specification	Result
DNases / RNases / Proteases	not detectable	complies
pH (20°C; adjusted with HCl)	6.8 - 7.2	7.0 (at date of production)
Composition:		
tri-Sodium citrate	88.23 g/l	88.23 g/l
Sodium chloride	175.32 g/l	175.32 g/l

Einhausen, 24.03.2022

Quality control: M.F.



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Certificate of Analysis

Product	Formaldehyde solution 37 % p.A.
Brand	Labochem

Product number	LC-5936
Lot number	60FA8F44
Synonyms	Formalin solution, Formol solution
Formula	CH ₂ O
Molecular weight	30.03 g/mol
CAS number	50-00-0
Storage	below 25°C
Manufacturing date	July 2021
Retest period (months)	36
Retest date	July 2024

stabilized with Methanol

Parameter	Specification	Result
Assay (acidim.)	36.5 - 38.0 %	37.2 %
Color	max. 10 Hazen	complies
Acidity (as HCOOH)	max. 0.025 %	complies
Methanol (GC)	9.0 - 14.0 %	complies
Insoluble matter in water	passes test	complies
Residue on ignition (as SO ₄)	max. 0.005 %	complies
Chloride (Cl)	max. 0.0005 %	complies
Sulfate (SO ₄)	max. 0.002 %	complies
Heavy metals (as Pb)	max. 0.0005 %	complies
Fe	max. 0.0001 %	complies
Cu	max. 0.0001 %	complies
K	max. 0.001 %	complies
Na	max. 0.001 %	complies

Einhausen, 23.09.2021

Quality control: M.F.

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Certificate of Analysis

Product	D-PBS (10X) w/o Ca and Mg for cell biology
Brand	BioFroxx

Product number	2098
Lot number	63639A4B
Synonyms	Phosphate buffered saline 10X, liquid
Storage	below 25°C
Manufacturing date	September 2022
Retest period (months)	36
Retest date	September 2025

Parameter	Specification	Result
Osmolality (water)	270 - 300 mOsm/kg	281 mOsm/kg
pH (25°C)	6.5 - 7.1	6.97
Composition:		
di-Sodium hydrogen phosphate anhydrous	11500.00 mg/l	complies
Potassium chloride	2000.00 mg/l	complies
Potassium dihydrogen phosphate	2000.00 mg/l	complies
Sodium chloride	80000.00 mg/l	complies
Sterility:		
Incubation at 32° C	sterile	sterile
Incubation at 20° C	sterile	sterile

Einhausen, 17.11.2022	Quality control: M.F.
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