

# Specification

Item number: 9047

ROTI®Cell Eagle's MEM / Earle's

**CELLPURE® ready-to-use, sterile, w/o glutamine**

CAS No.:

print date:

03.04.2024

formula:

density: ~1

storage temperature: +2 bis +8 °C

molecular weight:

## Type analysis

<b>Salts acc. to Earle</b>	complies
<b>pH-value</b>	7.0-7.6
<b>Osmolality</b>	260-300 mOsm/kg
<b>Endotoxins</b>	≤1,0 EU/ml
<b>Sterility</b>	complies

Store at +2°C to +8°C protected from light. Do not freeze! Once opened, store at 4°C and use within 6-8 weeks.

Typical Composition (not content of our product specification)

Compound	g/L
Calcium Chloride, Dihydrate	0,265
D-Glucose	1,000
Magnesium Sulfate Anhydrous	0,09767
Potassium Chloride	0,400
Sodium Bicarbonate	2,200
Sodium Chloride	6,800
L-Arginine Monohydrochloride	0,126
L-Histidine Monohydrochloride Monohydrate	0,042
L-Isoleucine	0,052
L-Leucine	0,052
L-Lysine Monohydrochloride	0,07246
L-Methionine	0,015
L-Phenylalanine	0,032
L-Threonine	0,048
L-Tryptophane	0,010
L-Valine	0,046
D-Calcium Pantothenate (Vitamin B5)	0,001
Choline Chloride	0,001

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Folic Acid	0,001
I-Inositol	0,002
Niacinamide (Nicotinamide)	0,001
Pyridoxine Monohydrochloride	0,001
Riboflavine (Vitamin B2)	0,0001
Thiamine Monohydrochloride (Vitamin B1)	0,001
Phenol Red Sodium Salt	0,011
L-Tyrosine Disodium Salt, Dihydrate	0,0519
L-Cystine Dihydrochloride	0,03129
Sodium Phosphate Monobasic, Anhydrous	0,122

Our products are tested for laboratory use only.  
The stated information refers to the current status of product quality.  
We reserve the right to implement necessary changes.

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**Dr. R. Niemand**  
*Head of Quality Assurance*

**S. Lorsee**  
*Head of Quality Management*

*This document is computer printout and has therefore not been signed by hand.*

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Die Firma ist eine Kommanditgesellschaft mit Sitz in Karlsruhe, Reg. Gericht Mannheim HRA 100055. Persönlich haftende Gesellschafterin ist die Firma Roth Chemie GmbH mit Sitz in Karlsruhe, Reg. Gericht Mannheim HRB 100428. Geschäftsführer: André Houdelet

