

# Specification

Item number: 9085

**ROTI®Cell RPMI-1640**

**CELLPURE® ready-to-use, sterile, with glutamine**

CAS No.:

print date:

01.01.2024

formula:

density: ~1

storage temperature: +2 bis +8 °C

molecular weight:

## Type analysis

<b>L-Glutamine</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
L-Glutamine	0,300
Sodium Bicarbonate	2,000
Calcium Nitrate Tetrahydrate	0,100
Choline Chloride	0,003
D-Biotin (Vitamin H)	0,0002
D-Calcium Pantothenate (Vitamin B5)	0,00025
D-Glucose	2,000
Folic Acid	0,001
L-Glutathione reduced	0,001
Glycine	0,010
Potassium Chloride	0,400
L-Arginine	0,200
L-Asparagine	0,050
L-Aspartic Acid	0,020
L-Cystine Dihydrochloride	0,065
L-Glutamic Acid	0,020
L-Histidine	0,015
L-Hydroxyproline	0,020
L-Isoleucine	0,050

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L-Leucine	0,050
L-Lysine Monohydrochloride	0,040
L-Methionine	0,015
L-Phenylalanine	0,015
L-Proline	0,020
L-Serine	0,030
L-Threonine	0,020
L-Tryptophane	0,005
L-Tyrosine	0,022
L-Valine	0,020
Magnesium Sulfate anhydrous	0,04883
I-Inositol	0,035
Sodium Phosphate	0,800
Sodium Chloride	6,000
Niacinamide (Nicotinamide)	0,001
P-Aminobenzoic Acid	0,001
Phenol Red Sodium Salt	0,0053
Pyridoxine Monohydrochloride	0,001
Riboflavine	0,0002
Thiamine Monohydrochloride	0,001
Cobalamine (Vitamin B12)	0,000005

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

