

# Specification

Item number: 9082

ROTI®Cell Eagle's MEM-Alpha

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

CAS No.: print date: 20.10.2021

formula:

density: storage temperature: +4 °C

molecular weight:

## Type analysis

<b>L-Glutamine, stable</b>	complies
<b>Alpha modification</b>	complies
<b>Ribonucleosides</b>	complies
<b>Deoxyribonucleosides</b>	complies
<b>pH-value</b>	6,7-7,3
<b>Osmolality</b>	285-315 mOsm/kg
<b>Endotoxins</b>	≤1,0 EU/ml
<b>Sterility</b>	complies

Typical Composition (not content of our product specification)

Compound	g/L
Sodium Bicarbonate	2,200
Thymidine	0,010
D-Glucose monohydrate	1,100
Phenol Red	0,011
Ultraglutamine I	0,434
Cytidine	0,010
Guanosine	0,010
2' Deoxyadenosine	0,0107
2'-Deoxycytidine, Hydrochloride	0,0110
2'Deoxyguanosine monohydrate	0,01067
Adenosine	0,010
Uridine	0,010
Potassium chloride	0,400
Pyruvic Acid Sodium Salt	0,110
L-Alanine	0,025
L-Arginine Monohydrochloride	0,127
L-Asparagine Monohydrate	0,050
L-Aspartic Acid	0,030

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Glycine	0,050
L-Glutamic Acid	0,075
L-Histidine Monohydrochloride Monohydrate	0,042
L-Isoleucine	0,052
L-Leucine	0,052
L-Lysine Monohydrochloride	0,072
L-Methionine	0,0150
L-Phenylalanine	0,032
L-Serine	0,025
L-Threonine	0,048
L-Tryptophan	0,010
L-Tyrosine	0,036
L-Valine	0,046
L-Proline	0,040
D-Calcium Pantothenate (Vitamin B5)	0,001
Folic Acid	0,001
Myo-Inositol	0,002
Niacinamide (Nicotinamide)	0,001
Pyridoxine Monohydrochloride	0,001
Riboflavine (Vitamin B2)	0,0001
Thiamine Monohydrochloride (Vitamin B1)	0,001
D-Biotin (Vitamin H)	0,0001
Cyanocobalamin (Vitamin B12)	0,00133
DL- $\alpha$ -lipoic acid (thioctic acid)	0,0002
Choline Chloride	0,001
DL- $\alpha$ -lipoic acid (thioctic acid)	0,100
L-Ascorbic Acid (Vitamin C)	0,050
L-Cysteine Monohydrochloride Monohydrate	0,03129
Calcium Chloride anhydrous	0,200
Magnesium Sulfate anhydrous	0,098
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.

**Dr. R. Niemand**

*Head of Quality Assurance*

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

**S. Lorsee**

*Head of Quality Management*

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