

Specification

Item number: 9112

ROTI®Cell Medium 199 / Earle's

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

CAS No.:

print date:

01.01.2024

formula:

density: ~1

storage temperature: +2 bis +8 °C

molecular weight:

Type analysis

L-Glutamine	complies
Salts acc. to Earle	complies
pH-value	7.0-7.6
Osmolality	250-310 mOsm/kg
Endotoxins	≤1,0 EU/ml
Sterility	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
Ferric Nitrate Nonahydrate	0,00072
Magnesium Sulfate Anhydrous	0,09767
Potassium Chloride	0,400
Sodium Bicarbonate	2,200
Sodium Chloride	6,800
Sodium phosphate monobasic Anhydrous	0,122
L-Alanine	0,025
L-Arginine Monohydrochloride	0,070
L-Aspartic Acid	0,030
L-Cysteine Monohydrochloride Monohydrate	0,00011
L-Glutamic Acid	0,0668
L-Glutamine	0,100
Glutathione Reduced	0,00005
Glycine	0,050

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L-Histidine Monohydrochloride	
Monohydrate	0,02188
L-Hydroxyproline	0,010
L-Isoleucine	0,020
L-Leucine	0,060
L-Lysine Monohydrochloride	0,070
L-Methionine	0,015
L-Phenylalanine	0,025
L-Proline	0,040
L-Serine	0,025
L-Threonine	0,030
L-Tryptophan	0,010
L-Valine	0,025
Ascorbic Acid (Vitamin C)	0,000056
D-Biotin (Vitamin H)	0,00001
Calciferol (Vitamin D2)	0,0001
D-Calcium Pantothenate (Vitamin B5)	0,00001
Choline Chloride	0,0005
Folic Acid	0,00001
I-Inositol	0,00005
Menadione Sodium Bisulfite	0,000016
Nicotinic Acid	0,000025
Niacinamide (Nicotinamide)	0,000025
Pyridoxal Monohydrochloride	0,000025
Pyridoxine Monohydrochloride	0,000025
Riboflavine (Vitamin B2)	0,00001
Thiamine Monohydrochloride (Vitamin B1)	0,00001
DL- α -Tocopherol Phosphate Disodium Salt	0,00001
Retinyl acetate (Vitamin A acetate)	0,00014
Adenine Sulfate	0,010
Adenosine Monphosphate	0,00024
Adenosine Triphosphate Disodium Salt	0,001
Guanine Monohydrochloride	0,0003
Thymine	0,0003
Uracil	0,0003
Phenol Red Sodium Salt	0,0213
P-Aminobenzoic Aci	0,00005
2-Deoxy-D-Ribose	0,0005
D-Ribose	0,0005
L-Tyrosine Disodium Salt, Dihydrate	0,05766
L-Cystine Dihydrochloride	0,026
Hypoxanthine	0,0003
Xanthine Sodium Salt	0,00034
Sodium Acetate	0,050

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Tween 80	0,020
Cholesterol	0,0002

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

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

