Specification

Item number: 9010

ROTI®Cell DMEM High Glucose

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

CAS No.:		print date:	01.01.2024
formula:			
density:	~1	storage temperature:	+2 bis +8 °C
molecular weight:			

Type analysis

Glucose	4,5 g/l
pH-value	7.0-7.6
Osmolality	310-350 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	4,500
Ferric Nitrate Nonahydrate	0,0001
Magnesium Sulfate Anhydrous	0,098
Potassium Chloride	0,400
Sodium Bicarbonate	3,700
Sodium Chloride	6,400
L-Arginine Monohydrochloride	0,084
Glycine	0,030
L-Histidine Monohydrochloride Monohydrate	0,042
L-Isoleucine	0,105
L-Leucine	0,105
L-Lysine Monohydrochloride	0,146
L-Methionine	0,030
L-Phenylalanine	0,066
L-Serine	0,042
L-Threonine	0,095
L-Tryptophane	0,016

Carl Roth GmbH + Co. KG
Schoemperlenstraße 3-5
76185 Karlsruhe

Telefon 0721/5606-0
Telefax 0721/5606-149
E-Mail: info@carlroth.de

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

Specification

L-Valine	0,094
D-Calcium Pantothenate (Vitamin B5)	0,004
Choline Chloride	0,004
Folic Acid	0,004
I-Inositol	0,007
Niacinamide (Nicotinamide)	0,004
Pyridoxal Monohydrochloride	0,004
Riboflavine (Vitamin B2)	0,0004
Thiamine Monohydrochloride (Vitamin B1)	0,004
Phenol Red Sodium Salt	0,016
Pyruvic Acid Sodium Salt	0,110
L-Tyrosine Disodium Salt	0,089
L-Cystine Dihydrochloride	0,048
Sodium Phosphate Monobasic, Anhydrous	0,109

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.

Carl Roth GmbH + Co. KG
Schoemperlenstraße 3-5
76185 Karlsruhe

Telefon 0721/5606-0
Telefax 0721/5606-149
E-Mail: info@carlroth.de

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