

Specification

Item number: 9007

ROTI®Cell DMEM High Glucose

CELLPURE® ready-to-use, sterile, with stable 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 |
| L-Glutamine, stable | complies |
| pH-value | 7.0-7,6 |
| Osmolality | 325-360 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 |
| L-Alanyl-L-Glutamine | 0,584 |
| 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 |

Specification

| | |
|--|--------|
| L-Threonine | 0,095 |
| L-Tryptophane | 0,016 |
| 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

