

Technical Data Sheet

12/07/2017

Glasgow MEM BHK 21 w/ L-Glutamine w/o Tryptose Phosphate Broth

Product code :
LM-G2121

<u>Theoretical pH:</u>	7.5 ± 0.5
<u>Osmolality:</u>	310 ±10% mOsm/kg
<u>Colour:</u>	red solution
<u>Storage conditions:</u>	2 to 8°C in the dark
<u>Shelf life:</u>	12 months
<u>Endotoxin:</u>	<1 EU/ml
<u>Sterility Tests</u>	- Bacteria in aerobic and anaerobic conditions - Fungi and yeasts

Cell growth test

Medium tested for the ability to support L929 cell growth.

Composition

Available upon request

Recommended Use:

- Respect storage conditions of the product
- Do not use the product after its expiry date
- Store product in an area protected from light (not necessary for saline solutions).
- Manipulate the product in aseptic conditions (e.g. : under laminar air flow)
- Wear clothes adapted to the manipulation of the product to avoid contamination (e.g. : gloves, mask, hygiene cap, overall...)

The product is intended to be used in vitro, in laboratory only. Do not use it in therapy, human or veterinary applications.

Applications:

Glasgow Minimum Essential Medium was originally developed as a modification of Eagle's medium (BME). The modifications included adding 10% tryptose phosphate and twice the normal concentration of amino acids and vitamins. This medium was used to study the genetic factors affecting cell competence. Polyoma virus was used to transform four fibroblast clones from a culture of baby hamster kidney cells.

This medium is intended for use with adherent kidney cell lines such as baby hamster kidney cells (BHK).

Uses:

Supplements, such as antibiotics, should be added as sterile supplements to the medium. Storage conditions and shelf-life of supplemented product will be affected by the nature of the supplements. Sterile serum should not be refiltered before or after being added to sterile medium because growth promoting capacity may be reduced upon re-filtration.

Indication of Deterioration:

Medium should be clear and free of particulate and flocculent material. Do not use if medium is cloudy or contains precipitate.

Other evidence of deterioration may include colour change or degradation of physical or performance characteristics.