Technical Data Sheet

12/07/2017

Ham's F14 w/ 6g/l Glucose w/ 1mg/l ATP

Product code :
LM-H1438

Theoretical pH : 7.4 ± 0.3

Osmolality : 340 mOsm/kg±10 %

Colour : Salmon to pink colored solution

Storage conditions : +2°C to +8°C

Shelf life : 24 months

Sterility tests :

- Bacteria in aerobic and anaerobic conditions
- Fungi and yeasts

Endotoxin : < 1 EU/ml

Composition : Displayed on website and in catalogue; also available on request

Cell growth test :

Medium tested for the ability to support CHO-K1 or Hela cell growth.

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)

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- 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.

Application :

Ham's F14 medium was developed from the Ham's F12 which was originally developed for the serum-free clonal growth of Chinese Hamster Ovary (CHO) cells, lung cells and mouse L- cells.
Ham's F14 contains a double concentration of amino acids compared to the Ham's F12. This product is also supplemented in Calcium chloride and Ascorbic Acid.

Utilisation :

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.

Indications 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.

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