ClearLine	Technical data sheet Media Liquid	Ref : 509059

Ham's F10 w/o L-Glutamine

Storage conditions: +2°C to +8°C

Shelf life: 24 months

Composition: meet special formulation sheet

Colour: pink – orange, clear solution

pH: 7.3 ± 0.3

Osmolality: 285 mOsm/kg ± 10 %

Endotoxin: < 1 EU/ml

Sterility tests:
- bacteria aerobic-anaerobic
- bacteria strictly anaerobic
- fungi / yeast

Cell Growth test:
Medium tested for the ability to support CHO-K1 or Hela cell growth.

Other tests: Not applicable

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 for research or further manufacturing only and not for use as an Active Pharmaceutical Ingredient or food or animal feed.

Application:
Ham's medium were originally developed for the clonal growth of Chinese Hamster Ovary (CHO) cells, HeLa cells and mouse L-cells, with or without serum supplementation depending the cells type. Ham's F10 is a medium of choice for supporting the growth of human diploid cells, white blood cells for chromosomal analysis, primary explants of rat, rabbit and chicken tissues.

Uses:
Supplements, such as antibiotics, should be added as sterile supplements to the medium.
Add 5 ml/l of L-Glutamine 200mM (

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.

Signs 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.

Remarks: Not applicable