

<b>bio</b> west	Technical Sheet	Ref : FT.L2031an
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		Version 03
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## Optimizer Opt 1

**CAT N** : L2031

**Theoretical pH** :  $7.2 \pm 0.2$

**Colour** : yellow to orange

**Storage conditions** : -20°C

**Shelf life** : 18 months

**Sterility tests :**

- Bacteria in aerobic and anaerobic conditions
- Fungi and yeasts

**Endotoxin** : < 10 EU/ml (<1 ng/ml)

**Cell growth test :**

This product is added to the MDCell DMEM medium (catalogue number L2000) to test its ability to support MRC-5 cell growth without the addition of serum.

**Recommended use :**

Use aseptic techniques when handling this product.

**Product is provided for laboratory use only, and not for drug, human or veterinary use.**

**Description :**

It is a complement to the MDCell DMEM medium (catalogue number L2000) intended for the MRC-5 cells culture without the addition of serum.

It contains amino acids, vitamins, inorganic salts, trace elements and essential elements for the detoxification of the cell culture and human recombinant insulin.

**Uses :**

BioWest recommend to obtain good results with this product, to add it **freshly before using** to the MDCell DMEM at 3% (v/v).

After the addition of this product to the MDCell DMEM medium, the medium can be stored 1 month at 4°C in the dark.

**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.