

2XYT (Yeast extract Tryptone)

CAT N° : 2X201M – 1000 ml.

Composition :

Ingredients	Gms / Litre
Tryptone	16.0000
Yeast extract	10.0000
Sodium chloride	5.0000

Final pH (at 25) : 7 ± 2

Resistivity at 25°C : 18.2 M Ω ·cm.

TOC : ≤ 5 ppb.

Particles (size > 0.22 μ m) : < 1 particle / ml.

Bacteria : < 0.01 UFC/ml.

Lipopolysaccharides (endotoxins) : <0.001 EU / ml.

RNases : < 1 pg/ml.

DNases : < 5 pg/ml.

Sterilization : Autoclaved at 121°C for 20 minutes.

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
- 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...)
- In order to preserve all product qualities, it is recommended to thaw out the flask, to aliquote, then to re-freeze the produced flasks rather than to thaw out and re-freeze the flask at each use.
- It is recommended to use the product immediately after its thaw out.

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

Application:

It has twice as much yeast extract compared to LB broth, and 60% more peptone.
Used for the growth and maintenance of E.coli and its bacteriophage with high yield phage production for long periods without exhausting the host.