



EUGON LT100 BROTH

INTENDED USE

Liquid medium used for the enrichment of aerobic bacteria in cosmetic products.

FORMULA

Ingredients in grams per liter of purified water

Tryptone	15.00	Lecithin	1.00
Soy peptone	5.00	L-cysteine	0.70
Sodium chloride	4.00	Triton® X 100	1.00
Sodium sulfite	0.20	Polysorbate 80	5.00
Dextrose	5.50		

Adjusted and/or supplemented as required to meet performance criteria.

STORAGE

Tubes and bottles: 2 - 25°C

The expiration date on the product label applies to the product in its intact packaging when stored as directed.

LIMITATION OF THE PROCEDURE

This product is for laboratory use only.

QUALITY CONTROL

Physical appearance: liquid clear yellow

Final pH: 7.0 ± 0.2 at 25°C

Expected Cultural Response

Organism	Inoculum CFU	Incubation	Results
<i>Aspergillus brasiliensis</i> ATCC 16404 - WDCM 00053	Bioball : 30	5 days at 20-25°C	Growth
<i>Candida albicans</i> ATCC 10231 - WDCM 00054	10-10 ²	48 h at 20-25°C	Growth
<i>Pseudomonas aeruginosa</i> ATCC 9027 - WDCM 00026	10-10 ²	24 h at 30-35°C	Growth
<i>Staphylococcus aureus</i> ATCC 6538 - WDCM 00032	10-10 ²	24 h at 30-35°C	Growth

This is an example of organisms routinely used for testing

BIBLIOGRAPHIE

1. Guisno, R., Gibby, I.W. and Foter, M.J. 1946. A neutralising medium for evaluation of the germinal potency of the quaternary ammonium salts. *American Journal of Pharmacy*. **118**:320-323.
2. ISO 18415:2017. Cosmetics - Microbiology - Detection of specified and non-specified microorganisms.
3. ISO 21149:2006. Cosmetics - Microbiology - Enumeration and detection of aerobic mesophilic bacteria.
4. ISO 21150:2006. Cosmetics - Microbiology - Detection of *Escherichia coli*.