



## 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 <sup>2</sup>	48 h at 20-25°C	Growth
<i>Pseudomonas aeruginosa</i> ATCC 9027 - WDCM 00026	10-10 <sup>2</sup>	24 h at 30-35°C	Growth
<i>Staphylococcus aureus</i> ATCC 6538 - WDCM 00032	10-10 <sup>2</sup>	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*.