



Dehydrated Culture Media
Bases / Media Supplements

Technical Information

Sodium Tauroglycocholate

Product Code: BA2708

Principle & Interpretation

It is used as a selective inhibitory agent for Bacteriological purpose.

Warning and Precautions

Read the label before opening the container. Wear protective gloves/protective clothing/eye protection/ face protection. Follow good microbiological lab practices while handling specimens and culture. Safety guidelines may be referred in individual safety data sheets.

Limitations

1. It is biological origin product since variation in colour of powder and clarity may observed.
2. Each lot of the product has been tested for the organisms specified on the COA. It is recommended to users to validate the medium for any specific microorganism other than mentioned in the COA based on the user 's requirement.
3. Individual organisms differ in their growth requirement and may show variable growth patterns on the medium prepared by the product.

Performance and Evaluation

Performance of the medium is expected when used as per the direction on the label within the expiry period when stored at recommended temperature

Quality Control

Appearance

Light yellow to light brown.

Nature

Homogeneous.

Consistency

Free flowing, hygroscopic powder.

Odour

Characteristic sharp odour but not putrescent.

Solubility

Soluble in distilled water, slightly soluble in ethanol, methanol and chloroform.

Clarity

1% w/v aqueous solution is clear and free from extraneous matter.

Cultural Response

Cultural characteristics observed after an incubation at 35 - 37°C for 18 - 24 hours by preparing MacConkey Agar (DM1082) using Sodium Tauroglycocholate as an ingredient.

Cultural response

Organism	Growth	Colour of Colony
<i>Escherichia coli</i> ATCC25922	Luxuriant	Pink to red with bile precipitate
<i>Enterobacter aerogenes</i> ATCC 13048	Luxuriant	Pale pink to red
<i>Enterococcus faecalis</i> ATCC29212	Fair to good	Colourless to pink
<i>Proteus vulgaris</i> ATCC13315	Luxuriant	Colourless
<i>Salmonella Paratyphi</i> AATCC 9150	Luxuriant	Colourless
<i>Shigella flexneri</i> ATCC12022	Fair to good	Colourless



Dehydrated Culture Media
Bases / Media Supplements

<i>Salmonella Paratyphi</i> BATCC 8759	Luxuriant	Colourless
<i>Salmonella Enteritidis</i> ATCC13076	Luxuriant	Colourless
<i>Salmonella Typhi</i> ATCC6539	Luxuriant	Colourless
<i>Staphylococcus aureus</i> ATCC 25923	Fair-good	pale pink red

Chemical Analysis

Cholic acid Content \geq 45.0%

Substance insoluble in 84% ethanol \leq 0.30%

Loss on drying \leq 5.0%

Storage and Shelf Life

Store below 30°C. Use before expiry date on the label.

Disposal

User must ensure safe disposal by autoclaving and/or incineration of used or unusable preparations of this product. Follow established laboratory procedures in disposing of infectious materials and material that comes into contact with clinical sample must be decontaminated and disposed of in accordance with current laboratory techniques.

Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
- **Central Drug House Pvt. Ltd.** reserves the right to make changes to specifications and information related to the products at any time.
- Products are not intended for human or animal diagnostic or therapeutic use but for laboratory, research or further manufacturing of diagnostic reagents extra.
- Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.
- Do not use the products if it fails to meet specifications for identity and performance parameters.