



Sodium Taurocholate, Certified

CR011

Intended use

Sodium Taurocholate, Certified is a certified grade of Bile (free from bile acid) and is recommended as a selective agent in microbiological culture media.

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 CQA based on the user's requirement.
3. The product is prepared by the following procedure: Weigh 10g of Sodium Taurocholate, Certified in a 100ml beaker and add 100ml of distilled water. Stir well to get a uniform suspension. The solution is then filtered through Whatman No. 1 filter paper into a 100ml volumetric flask. The solution is then diluted to 100ml with distilled water. The solution is then stored in a clean, dry, airtight container.

Performance and Evaluation

Performance of the product is expected when used as per the direction on the label within the recommended temperature.

Quality Control

Appearance

Light yellow to brown. The product is a homogeneous free flowing, hygroscopic powder.

Solubility

Freely soluble in distilled or deionized water or alcohol. Insoluble in ether.

Clarity

The solution is medium amber coloured, clear to very slightly opalescent.

Reaction

Reaction of 2% w/v aqueous solution at 25°C.

pH

8.00 - 9.00

Cultural Response

Cultural characteristics observed after an incubation at 35 - 37°C for 18 - 24 hours by preparing MacConkey Agar (M082) using Sodium Taurocholate, Certified as an ingredient.

Cultural Response

Organism	Growth	Colour of Colony
<i>Escherichia coli</i> ATCC 25922 (WDCM 00013)	Nwzwtkcpv	Pink to red with bile precipitate
* <i>Klebsiella aerogenes</i> ATCC 13048 (WDCM 00175)	Nwzwtkcpv	Pale pink to red
<i>Enterococcus faecalis</i> ATCC 29212 (WDCM 00087)	Hckt"vq"i qqf"	Colourless to pink
<i>Proteus hauseri</i> ATCC 13315	Nwzwtkcpv	Eqnqwtnguu
<i>Salmonella enterica</i> serovar Paratyphi A ATCC 9150	Nwzwtkcpv	Eqnqwtnguu
<i>Shigella flexneri</i> ATCC 12022 (WDCM 00126)	Hckt"vq"i qqf"	Colourless
<i>Salmonella enterica</i> serovar Paratyphi B ATCC 8759	Nwzwtkcpv	Eqnqwtnguu
<i>Salmonella enterica</i> serovar Enteritidis ATCC 13076 (WDCM 00030)	Nwzwtkcpv	Eqnqwtnguu

<i>Salmonella enterica</i> serovar Typhi ATCC 6539	Nwzwtkpv	Eqnqwtnguu
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> ATCC 25923 (WDCM 00034)	Hckt/iqqf	Rcng"rkpm"/tgf

* formerly known as *Enterobacter aerogenes*

Chemical Analysis

Nquu qp ft{lpi >"702 '
Ejqnke"Cekf"eqpvgpv @?"6702 '

Storage and Shelf Life

Store between 10- 30°C in tightly closed container and away from bright light. Use before expiry date on label. On opening, product should be properly stored in dry ventilated area protected from extremes of temperature and sources. Seal the container tightly after use.

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.

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Disclaimer :

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related HiMedia™ publications. The information contained in this publication is based on our research and development work and is to the best of our knowledge true and accurate. HiMedia™ Laboratories 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 or therapeutic use but for laboratory, diagnostic, research or further manufacturing use only, unless otherwise specified. 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.