



Technical Data

Sterile Soyabean Casein Digest Medium with 0.4% Polysorbate 80

Intended Use

Recommended as a general purpose medium used for cultivation of a wide variety of microorganisms and recommended for sterility testing of moulds and lower bacteria.

Principle:

Soyabean Casein Digest Medium is recommended by Indian Pharmacopoeia as sterility testing medium. The formulation is in accordance with the harmonized formulation of USP/EP/BP/JP/IP. It is also used for the sensitivity testing by the tube dilution method for antimicrobial agents. It is also employed in diagnostic research in microbiology. The combination of Peptone from casein and Peptone from Soya meal makes this medium nutritious by providing amino acids and long chain peptides for the growth of microorganisms. Natural sugars in soyabean promote growth of fastidious organism. D (+) glucose monohydrate is the fermentable source of carbon and di potassium hydrogen phosphate serves as the buffer in the medium. Sodium chloride maintains the osmotic balance of the medium. Polysorbate 80 neutralizes phenolic disinfectants, hexachlorophene and formalin compounds.

Formula*

Ingredients	Gms/L
Peptone from Casein	17.0
Peptone from Soya meal	3.0
D (+) glucose monohydrate	2.5
Sodium chloride	5.0
Di Potassium hydrogen phosphate	2.5
Polysorbate 80	0.40
Final pH (at 25°C)	7.3 ± 0.2

*Adjusted to suit performance parameters.

Storage and Stability

Store dehydrated medium below 30°C in tightly closed container and the prepared medium at 2°C-8°C. Avoid freezing and overheating. Use before expiry date on the label. Once opened keep powdered medium closed to avoid hydration.

Type of Specimen

Pharmaceutical samples

Specimen Collection and Handling

Ensure that all samples are properly labeled. Follow appropriate techniques for handling samples as per established guidelines. Some samples may require special handling, such as immediate refrigeration or protection from light, follow the standard procedure. The samples must be stored and tested within the permissible time duration. After use, contaminated materials must be sterilized by autoclaving before discarding.

Performance and Evaluation

Performance of the product is dependent on following parameters as per product label claim:

1. Directions
2. Storage
3. Expiry



Warranty

This product is designed to perform as described on the label and package insert. The manufacturer disclaims any implied warranty of use and sale for any other purpose.

Reference Pharmacopoeia:

USP/EP / BP / JP / IP

Product Presentation: Cat No.	Product
LPSCCL004	Sterile Soyabean Casein Digest Medium with 0.4% Polysorbate 80

Disclaimer

Information provided is based on our inhouse technical data on file, it is recommended that user should validate at this end for suitable use of the product.

