

Sterility Kit - I

LQ024

Sterility test media prepared in accordance with IP/USP/EP/BP/JP. One Kit contains 2 glass bottles each of 100 ml following media : LQ026 - Sterile Fluid Thioglycollate Medium and LQ027 - Sterile Soyabean Casein Digest Medium. Recommended for injectibles

Composition**

Ingredients	Gms / Litre
Sterile Fluid Thioglycollate Medium M009	-
Pancreatic digest of casein	17.000
Yeast extract	5.000
Dextrose	2.500
Sodium chloride	5.000
L-Cystine	0.500
Sodium thioglycollate	0.500
Resazurin sodium	0.001
Agar	0.750
Sterile Soyabean Casein DigestMedium M011	-
Pancreatic digest of casein	17.000
Papaic digest of soyabean meal	3.000
Dibasic potassium phosphate	2.500
Dextrose (Glucose)	2.500
Sodium chloride	5.000

**Formula adjusted, standardized to suit performance parameters

Directions

Label the ready to use LQ026 bottle. Do not unscrew cap. remove the top of he screw cap. Disinfect the part of the rubber stopper which is now exposed. Draw sample with the sterile or disposable needle and syringe. Transfer the sample immediately into the LQ026 bottle by puncturing the rubber stopper with the injecting needle. Keep the bottle in an upright position preferably in a biological safety cabinet, place an alcohol swab over the rubber stopper and insert the venting needle with filter through it (Use sterile venting needle (LA038). Insertion and withdrawal of the needle should be done in a straight line. discard the needle and mix the contents by gently inverting the bottle 2-3 times. Do Not vent the bottle for anaerobic cultures. Incubate at specified temperature for 18-24 hours and further for seven days.

Principle And Interpretation

LQ024 is ready to use sterile prepared media kit contains LQ026 and LQ027 for Sterility Tests in accordance with IP/USP/EP/BP/JP. These are used for validation of the compliance of pharmacopoeial raw materials, finished products and other articles. The Ready Prepared Media meet the requirements of Growth Promotion Test.

LQ026 :Fluid Thioglycollate Medium is used for rapid cultivation of aerobes as well as anaerobes including microaerophiles.

LQ027: Soybean Casein Digest Medium is recommended for sterility checking and for studying total aerobic microbial count in verification of microbiological testing procedures employed for sterility checking. This medium is a highly nutritious medium used for cultivation of a wide variety of organisms.

Quality Control

Appearance

One kit contains 2 glass bottles each of 100 ml : sterile Fluid Thioglycollate Medium sterile Soyabean Casein Digest Medium

Sterility test

Passes release criteria

Storage and Shelf Life

Store between 15-25°C. Use before expiry date on the label.

Reference

Refer Technical Data of LQ026 and LQ027.

Revision : 1 / 2011



Disclaimer :

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