

Nu-Tek Animal Free TSB-UF

Product Code: 8301

For Use as Enumeration Media in Media Fill Tests

Animal Free TSB, otherwise known as Trypto Soy Broth or Tryptic Soy Broth, is produced using non-animal origin peptones to eliminate the risk of BSE/TSE contamination. The material is ultra-filtered to ensure both filterability and low endotoxin levels. Nu-Tek Animal Free TSB-UF is suitable for media fill tests as recommended by the "FDA Aseptic Guide" and performs equivalently to standard TSB.

SPECIFICATIONS:

Physical/Chemical:

Appearance(DCM)	Homogeneous, Free Flowing, Yellow/Beige
Appearance(5% Solution)	Clear, Yellow to Amber
pH(30g/L)	7.1-7.5

Microbiological Analysis:

Aspergillus niger ATCC 16404	Good to excellent
Bacillus subtilis ATCC 6633	Fair to excellent
Candida albicans ATCC 10231	Poor to excellent
Escherichia coli ATCC 8739	Very good to excellent
Pseudomonas aeruginosa ATCC 9027	Good to excellent
Salmonella typhimurium ATCC 14028	Very good to excellent
Staphylococcus aureus ATCC 6538	Very good to excellent
Staphylococcus aureus ATCC 25923	Very good to excellent
Staphylococcus epidermidis ATCC 12228	Good to excellent
Streptococcus pneumoniae ATCC 6305	Good to excellent

Typical Composition:

Ingredients	g/L
Vegetable Peptone	20
Dextrose	2.5
NaCl	5.0
K ₂ HPO ₄	2.5

Procedure:

Mix 30g in 1L of deionized water until completely dissolved. Once completely dissolved, aliquot as necessary and autoclave at 121°C for 15 minutes.

Packaging:

25kg polyethylene bag in a corrugated box. Various other packaging configurations are also available.

Storage Requirements:

This product should be kept in a cool, dry and ventilated place. The product should be used as soon as possible after the bag has been opened. Any partially used bags must be sealed properly to prevent moisture adsorption by product.

Shelf Life:

The shelf-life of the product is 3 years when stored at < 30°C.



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