

3543 –SOLUBLE STARCH (CULTURE MEDIA INGREDIENT)

INTENDED USE

It is recommended for used as media ingredient in fermentation studies, preparation of microbiological media and also Manufacturing process.

PRODUCT SUMMARY AND EXPLANATION

Soluble Starch is a pancreatic digest of porcine skin, Pancreatic digestion produces a balanced mixture of amino acids, including essential amino acids, in optimal ration and low molecular peptides. It is low in fermentable carbohydrates and is used in culture media, especially for non-fastidious microorganisms. It is also used as a fermentation studies.

PRINCIPLE

Soluble Starch is prepared by enzymic digestion of gelatin. This product has a low cystine and tryptothane content and is deficient of carbohydrates. It is used in antibiotic assay media yielding low but reliable and reproducible growth level and also in media used for various fermentation studies.

INSTRUCTION FOR USE

Fermentation, Ingredients for culture media and also manufacturing process.

QUALITY CONTROL SPECIFICATIONS

Appearance	:	White color powder.
Solubility (2% soln. at 25°C)	:	Freely soluble in hot water, insoluble in cold water.
pH (2% Soln. at 25 °C)	:	6.5 – 7.5
Chloride (Cl)	:	NMT – 0.005%
Sulphated Ash	:	NMT – 1.0%
Moisture	:	NMT – 10.0%
Reducing sugar	:	NMT – 0.2%
Acidity	:	Test Passes
Microbial Test	:	NMT – 0.005%

PACKAGING

Standard packing is 500gm in plastic bottle. After packing tightly closed in a dry and well- ventilated place.

STORAGE

Store at room temperature in cool place, Keep container tightly closed in a dry and well-ventilated place 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 of ignition. Seal the container tightly after use.

Product Deterioration: Do not use product if any contamination, discoloration or other sign of deterioration is found.

DISPOSAL

After use, contact a licenced professional waste disposal service to dispose of this material. Dispose of as unused product.

REFERENCES:NA



1. Anderson, N.L., et al. Cumitech 3B; Quality Systems in the Clinical Microbiology Laboratory, Coordinating ed., A.S. Weissfeld. American Society for Microbiology, Washington, D.C.
2. Isenberg, H.D. Clinical Microbiology Procedures Handbook, Vol. I, II & III. American Society for Microbiology, Washington, D.C.

QTY.

Quantity

LOT/
B. NO.

Lot / Batch Number



Temperature Unit



Best Before



QR
Code

REF

Catalogue No.



Consults Instructions for use :



Manufacturer

MacFaddin, J.F. Biochemical Tests for Identification of Medical Bacteria,, Lipincott Williams & Wilkins, Philadelphia, PA

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

***For Lab Use Only**

Revision: 05th Oct. 2019