

PEPTIC DIGEST OF ANIMAL TISSUE (7181) (Peptone A)

Peptic Digest of Animal Tissue (Peptone A) is an enzymatic digest of animal tissue used in preparing microbiological culture media.

Product Summary and Explanation

Peptic Digest of Animal Tissue was developed as an alternate nitrogen source in dehydrated culture media to accommodate varying nutritional requirements. Fraser Broth and *Campylobacter* media contain Peptone A as a nitrogen and vitamin source.

Principles of the Procedure

Peptic Digest of Animal Tissue provides nitrogen, amino acids, vitamins, and carbon in microbiological culture media.

Precaution

1. For Laboratory Use.

Quality Control Specifications

Dehydrated Appearance: Powder is homogeneous, free-flowing and dark beige to tan.

Prepared Appearance (2% wt/vol): Prepared medium is clear, amber with no or a light precipitate.

pH (2% Solution at 25° C): 6.5 - 7.5

Expected Cultural Response: Cultural response on 2% Peptone Agar at 35° C after 18 - 24 hours incubation.

Microorganism	Response
<i>Escherichia coli</i> ATCC 25922	good to excellent growth
<i>Staphylococcus aureus</i> ATCC 25923	fair to good growth

Test Procedure

Refer to appropriate references for specific procedures using Peptic Digest of Animal Tissue.

Results

Refer to appropriate references for test results.

Storage

Store sealed bottle containing Peptic Digest of Animal Tissue at 2 - 30°C. Once opened and recapped, place container in a low humidity environment at the same storage temperature. Protect from moisture and light by keeping container tightly closed.

Expiration

Refer to expiration date stamped on the container. Peptic Digest of Animal Tissue should be discarded if not free flowing, or if appearance has changed from original color. Expiry applies to Peptic Digest of Animal Tissue in intact container when stored as directed.

Packaging

Peptic Digest of Animal Tissue (Peptone A) Code No.	7181A	500 g
	7181B	2 kg
	7181C	10 kg

Technical Information

Contact Acumedia Manufacturers, Inc. for Technical Service or questions involving dehydrated culture media preparation or performance at (517)372-9200 or fax us at (517)372-2006.