

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

Intended Use

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.

Physical and Performance Characteristics

Chemistry

Dehydrated Appearance: Powder is homogeneous, free-flowing medium tan to medium brown.

Prepared Appearance (2% Solution): Prepared medium is brilliantly clear to clear amber, with no to light precipitate.

pH (2% Solution at 25° C): 7.0 ± 0.2

Loss on Drying: $\leq 5\%$

Total Nitrogen: 10% or greater

Ash: $\leq 15\%$

Undigested Protein: Negative to trace positive

Proteoses: Slightly positive or positive

Nitrites: Negative

Microbiology

Standard Plate Count: < 1000 CFU / g

Yeast and Mold: < 100 CFU /g

Salmonella: Negative / 25 g

Growth Supporting Properties on Peptone Agar (plain):

Microorganism	Response
<i>Escherichia coli</i>	Good to excellent growth
<i>Staphylococcus aureus</i>	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.

