

PAPAIC DIGEST OF SOYBEAN MEAL (7180) (Peptone S)

Intended Use

Papaic Digest of Soybean Meal (Peptone S) is an enzymatic digest of soybean meal for use in preparing microbiological culture media.

Product Summary and Explanation

Papaic Digest of Soybean Meal is an enzymatic hydrolysate of soybean meal prepared under controlled conditions for use in microbiological procedures. Papaic Digest of Soybean Meal is recommended for use in media for the cultivation of a large variety of organisms, including fungi and microbiological assay media. The nitrogen source in Papaic Digest of Soybean Meal contains naturally occurring, high concentrations of vitamins and carbohydrates of soybean. Due to its high carbohydrate content, Papaic Digest of Soybean Meal cannot be used for fermentation studies. This media ingredient produces clear solutions at culture media concentrations and neutral reactions after autoclaving.

Papaic Digest of Soybean Meal minimizes bovine spongiform encephalopathy (BSE) risk in vaccine production because of the plant origin of this product.

Principles of the Procedure

Papaic Digest of Soybean Meal provides nitrogen, vitamins, and minerals in prepared culture media.

Precaution

1. For Laboratory Use.

Quality Control Specifications

Dehydrated Appearance: Powder is homogeneous, free flowing beige.

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 Papaic Digest of Soybean Meal.

Results

Refer to appropriate references for test results.

Storage

Store sealed bottle containing Papaic Digest of Soybean Meal 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. Papaic Digest of Soybean Meal should be discarded if not free flowing, or if appearance has changed from the original color. Expiry applies to Papaic Digest of Soybean Meal in its intact container when stored as directed.

Packaging

Papaic Digest of Soybean Meal (Peptone S)	Code No.	7180A	500 g
		7180B	2 kg
		7180C	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.