

## PANCREATIC DIGEST OF SOYBEAN MEAL (7180) (Peptone S)

### Intended Use

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

### Product Summary and Explanation

Pancreatic Digest of Soybean Meal is a highly digested enzymatic hydrolysate of soybean meal prepared under controlled conditions for use in microbiological procedures. Pancreatic 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 Pancreatic Digest of Soybean Meal contains naturally occurring, high concentrations of vitamins and carbohydrates of soybean. Due to its high carbohydrate content, Pancreatic 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.

Pancreatic 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

Pancreatic 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 and beige.

**Prepared Appearance (2% wt/vol):** Prepared medium is clear, amber and may have a light precipitate.

### Chemical Composition:

CAS #:	68607-88-5
Total Nitrogen (TN):	≥ 8.4%
Amino Nitrogen:	2 - 3%
Ash:	≤ 15.0%
Moisture:	≤ 5%
pH (2% solution):	6.5 - 7.5

### Microbiology:

Standard Plate Count: < 1000 CFU / g  
Coliform: < 10 CFU / g

### Growth Supporting Properties:

Peptone Agar: Satisfactory

### Test Procedure

Refer to appropriate references for specific procedures using Pancreatic Digest of Soybean Meal.

### Results

Refer to appropriate references for test results.

### **Storage**

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

### **Packaging**

<b>Pancreatic Digest of Soybean Meal (Peptone S)</b>	<b>Code No.</b>	<b>7180A</b>	<b>500 g</b>
		<b>7180B</b>	<b>2 kg</b>
		<b>7180C</b>	<b>10 kg</b>

### **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.