

# Technical Specification Sheet



## Enzymatic Digest of Soy No.2

SKU: 700003564, 700003566

NCM0229

### Intended Use

Enzymatic Digest of Soy No. 2 is an enzymatic digest of soybean meal for use in preparing microbiological culture media in a laboratory setting. Enzymatic Digest of Soy No. 2 is not intended for use in the diagnosis of disease or other conditions in humans.

### Description

Enzymatic Digest of Soy No. 2 is an enzymatic hydrolysate of soybean meal prepared under controlled conditions for use in microbiological procedures. Enzymatic Digest of Soy No. 2 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 Enzymatic Digest of Soy No. 2 contains naturally occurring, high concentrations of vitamins and carbohydrates of soybean. Due to its high carbohydrate content, Enzymatic Digest of Soy No. 2 cannot be used for fermentation studies. This media ingredient produces clear solutions at culture media concentrations and neutral reactions after autoclaving.

Enzymatic Digest of Soy No. 2 minimizes Bovine Spongiform Encephalopathy (BSE) risk in vaccine production because of the plant origin of this product.

### Precaution

Refer to SDS

### Quality Control Specifications

#### Physical Specifications

**Dehydrated Appearance:** Powder is homogeneous, free flowing yellow-beige to tan powder.

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

#### Chemical Composition:

|                      |            |
|----------------------|------------|
| CAS #                | 68607-88-5 |
| Total Nitrogen (TN): | ≥ 8.0%     |
| pH (2% solution)     | 6.7 to 7.5 |
| Loss on Drying       | ≤ 5%       |
| Total Nitrogen:      | ≥ 8.0%     |
| Ash:                 | ≤ 12.0%    |

#### 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 Papaic Digest of Soybean Meal.

### Results

Refer to appropriate references for test results.



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## **Expiration**

Refer to expiration date stamped on the container. The product should be discarded if it is not free flowing, or if medium has changed from the original color. Expiry applies to medium in its intact container when stored as directed.

## **Storage**

Store product at 2-30°C away from direct sunlight. 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.

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