

## PRODUCT INFORMATION

Papaic Digest of Soybeans

Cat. No. P16-101

### DESCRIPTION

Papaic Digest of Soybean is a nutritious enzymatic digest of soybean containing a high carbohydrate and vitamin content. It is capable of supporting the growth of a wide variety of bacteria and fungi. Due to its high carbohydrate content, it cannot be used for fermentation studies. It produces clear solutions at culture media concentrations and neutral reactions after autoclaving. It is also referred to as Peptone S and Soy Peptone.

### PHYSICAL AND CHEMICAL CHARACTERISTICS

TEST TYPE	SPECIFICATION
Amino Nitrogen	≥ 2.2%
Total Nitrogen	≥ 7.0%
Loss on Drying	≤ 6.0%
Ash	≤ 15.0%
pH (2% solution)	6.5 – 7.5

### MICROBIOLOGICAL CHARACTERISTICS

TEST TYPE	SPECIFICATION
Standard Plate Count	< 5000 CFU/g
Yeast and Mold	< 100 CFU/g
Coliforms	Negative
Salmonella	Negative

### STORAGE

Store the sealed bottle containing the dehydrated medium at 2 to 30°C. Once opened and recapped, place the container in a low humidity environment at the same storage temperature. Protect it from moisture and light. The dehydrated medium should be discarded if it is not free flowing or if the color has changed from the original color.