

# PRODUCT INFORMATION

## Papaic Digest of Soybeans Cat. No. P16-101



**ALPHA**<sup>™</sup>  
BIOSCIENCES

Date of Issue:  
4/14/20

### DESCRIPTION

Papaic Digest of Soybean Meal is a nutritious enzymatic digest of soybean meal 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 ANALYSIS

*Appearance.....	Yellow Beige to Yellow Tan, Free Flowing Powder
*Solubility in Water.....	20.0 g/L (2% w/v)
*Prepared Solution Appearance 2%.....	Gold to Amber, Clear, None to Trace Precipitate
Loss on Drying.....	Max. 6.0%
Ash.....	Max. 15.0%
*pH 2% Solution at 25°C.....	6.5 – 7.5

### NITROGEN CONTENT

Total Nitrogen.....	Min. 7.0%	Amino Nitrogen.....	Min. 2.2%
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### MICROBIOLOGICAL ANALYSIS

*Standard Plate Count.....	Max. 5,000 cfu/g	Coliforms.....	Negative
Molds and Yeasts.....	Max. 100 cfu/g	Salmonella.....	Negative

#### \*Performance as Peptone Agar:

##### Organism:

*Escherichia coli* ATCC 25922  
*Pseudomonas aeruginosa* ATCC 27853  
*Staphylococcus aureus* ATCC 25923  
*Streptococcus pneumoniae* ATCC 6305  
*Streptococcus pyogenes* ATCC 19615

##### Result:

Satisfactory Growth  
Satisfactory Growth  
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Satisfactory Growth  
Satisfactory Growth

\* Results according to internal controls

### 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.

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