

## Soya Casein Digest Lecithin Polysorbate Broth

**Product No.** CM701

### Intended Use

Used for the cosmetic sample preparation and pre-enriching . ( GB )

**Specification** 250 g

Ingredients	(g/L)
Casein Peptone	17.0
Glucose	2.5
Soya Peptone	3.0
Lecithin	1.0
Sodium Chloride	5.0
Tween 80	7.0
Dipotassium Phosphate	2.5
(pH7.2±0.2)	

### Additional Reagents

No

### Principle and Interpretation

Casein peptone and soya peptone are used as nutrients in the medium to provide nitrogen source, vitamin, amino acid and growth factor for cell growth. Glucose as carbon source; Phosphate, as an acid-base buffer, can effectively maintain the pH value of the medium system, and sodium chloride can maintain the osmotic pressure balance of the system. Lecithin as emulsifier; Tween 80 neutralizes toxic substances in cosmetics (such as preservatives) and facilitates the growth of bacteria.

### Directions

Suspend 38.0g of the powder in 1 L of distilled water. Heat with frequent agitation

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and boil to dissolve completely. Autoclave at 121°C for 20 minutes.

### Precautions

No

### Quality Control

Microorganisms	Inoculum (CFU)	Incubation	Growth
<i>Escherichia coli</i> ATCC 25922	10-100	36.0°C±1°C18h- 24h	Well-growth (turbidity 2)
<i>Staphylococcus aureus</i> ATCC 6538			
<i>Pseudomonas aeruginosa</i> ATCC 25619			

### Storage Conditions

Store tightly closed in a cool, dry place.

### Shelf Life

3 years

*For laboratory use in industry or R&D purpose. Not for drug, household or other uses.*