

LACTALBUMIN HYDROLYSATE (7465)

Intended Use

Lactalbumin Hydrolysate is an enzymatic digest of lactalbumin for use in preparing microbiological culture media.

Product Summary and Explanation

Lactalbumin Hydrolysate may be used as an ingredient in tissue culture media, fermentation media, media for the growth of lactobacilli and in media for the growth of *Campylobacter* spp.

Principles of the Procedure

Lactalbumin Hydrolysate provides nitrogen, amino acids, vitamins, and carbon in microbiological culture media.

Precaution

1. For Laboratory Use.

Quality Control Specifications

Dehydrated Appearance: Powder is homogeneous, free-flowing, and white to beige.

Prepared Appearance (2% wt/vol): Prepared medium is clear to slightly hazy, colorless to yellow with no precipitate.

pH (2% Solution at 25°C): 5.8 - 6.5

Expected Cultural Response: Cultural response in *Campylobacter* Enrichment Broth at 35° C after 18 - 72 hours incubation under microaerophilic conditions.

| Microorganism | Response |
|---|----------|
| <i>Campylobacter jejunii</i> ATCC 29428 | growth |

Test Procedure

Refer to appropriate references for specific procedures using Lactalbumin Hydrolysate.

Results

Refer to appropriate references for test results.

Storage

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

Packaging

| | | | |
|--------------------------------|-----------------|--------------|--------------|
| Lactalbumin Hydrolysate | Code No. | 7465A | 500 g |
| | | 7465B | 2 kg |
| | | 7465C | 10 kg |

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.