

Acid Hydrolyzed Casein (NCM0239)

Intended Use

Acid Hydrolyzed Casein is for use in preparing microbiological culture media in a laboratory setting and is not intended for use in the diagnosis of disease or other conditions in humans.

Description

Acid Hydrolyzed Casein is a soluble protein hydrolysate obtained by digesting casein with hot acid. It is almost free from growth factors, vitamins and antagonists, and these qualities make it suitable for use as a protein source in media for antibiotic and vitamin assays.

Precaution

Refer to SDS

Test Procedure

Refer to appropriate references for specific procedures using Acid Hydrolyzed Casein

Quality Control Specifications

PHYSICAL/CHEMISTRY:	EXPECTED RESULTS
Appearance of Powder:	Light beige
Solubility in water at 2%	Total
Clarity	Clear, Light yellow to amber color
pH of 2% solution	6.5 - 7.2
Moisture	≤ 4%
Ash	≤ 44%

Expiration

Refer to expiration date stamped on container. Acid Hydrolyzed Casein should be discarded if not free flowing, or if the appearance has changed from the original color. Expiry applies to Acid Hydrolyzed Casein in its intact container when stored as directed.

Storage

Store powder 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.