

Lecithin (NCM0253)

Intended Use

Lecithin is used when preparing microbiology culture media in a laboratory setting, and is not intended for use in the diagnosis of disease or other conditions in humans.

Description

A deoiled, powdered soybean lecithin for use in microbiological culture media. A mixture of polar (phospho- and glyco-) lipids and a small amount of carbohydrates.

Precaution

Refer to SDS

Test Procedure

Refer to appropriate references for specific procedures using Lecithin.

Quality Control Specifications

Acetone insolubles	min.	97%
Oil	max.	1.5%
Phosphatidylcholine		20-24%
Phosphatidylethanolamine		18-22%
Phosphatidylinositol		12-15%
Phosphatidic acid		4-7%
Fatty acids (total content) including saturated fatty acids, monounsaturated fatty acids & polyunsaturated fatty acids	approx.	50%

Typical Analysis

pH (1% aqueous solution)	6-7
Total plate count	<1000/g
Solubility in:	
water	dispersible
fats / oils	soluble

Expiration

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

Storage

Store powder at 2-25°C away from direct sunlight. DO NOT store above 25°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.

