Sodium Chloride

Instructions For Use

NAME

Sodium Chloride

PRODUCT CODE

LB-41

SPECIFICATION

500g/bottle

PURPOSE

Used as culture medium raw material.

USAGE

Add according to the culture medium formula.

Product Parameters

Test Item	Requirement
Characteristics	Colorless, transparent cubic crystals or white crystalline powder; odorless.
Identification	Sodium salt: (1)Flame color reaction: The flame appears bright yellow (2)Potassium pyroantimonate test: Test according to law and comply with regulations Chloride: (1) Silver nitrate test: Check according to law and should comply with regulations (2) Manganese dioxide test: Check according to law and should be able to turn the moistened potassium iodide starch test paper blue
pH	If the test solution turns yellow, add 0.10mL of 0.02mol/L sodium hydroxide titration solution to turn it blue; If it turns blue or green, add 0.20mL of 0.02mol/L hydrochloric acid titration solution to turn it yellow.
Solution clarity and color	Should be clear and colorless
Iodide	The crystal powder shall not show blue traces within 5 minutes
Bromide	Should not exceed 0.01%
Sulfate	Should not exceed 0.0015%
Barium salts	Should be clarified in the same way as the reference substance
Calcium salt	No turbidity should occur within 5 minutes
Magnesium salt	Should not exceed 0.001%
Potassium salt	Should not exceed 0.015%
Iron salt	Should not exceed 0.0002%
Heavy metals	Should not exceed 2 parts per million

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Test Item	Requirement
Arsenic salts	Should not exceed 0.00004%
Ferrocyanide	No blue color within 10 minutes
Phosphate	Should not exceed 0.0025%
Nitrite	Should not exceed 0.01
Aluminum salts	Should not exceed 0.2%
Aerobic bacteria	Should not exceed 100cfu/g
Molds and yeasts	Should not exceed 10cfu/g
Escherichia coli	Should not be detected
Bacterial endotoxins	Should not exceed 4.64 EU/g
Loss on drying	Should not exceed 0.4%
Content determination	Calculated on a dry basis, contains sodium chloride: (99.6~100.4)%

STORAGE

Store in a dry place away from light, tighten the cap immediately after use.

WARNINGS & PRECAUTIONS

1. NOT for clinical use.
2. After use, all contaminated materials must be autoclaved at 121°C for 30 minutes and then disposed of.