

Carboxymethyl Cellulose Solution (CMC, 0.5%, Sterile)

Cat. No.: C1509613 | Pack size: 500 mL | Storage: Store at 2-8°C

Overview

Carboxymethyl Cellulose (CMC) is an anionic cellulose-based substance and a thickener, often referred to as industrial monosodium glutamate. Its viscosity varies with temperature changes. It has a CAS number of 9000-11-7 and a molecular weight of 240.21. CMC is readily soluble in water, forming a transparent solution with a certain viscosity, and it exhibits properties such as thickening, suspending, emulsifying and stabilizing effects.

This Carboxymethyl Cellulose Solution (0.5%) is processed by autoclaving sterilization. A small amount can be added to suspension culture media or used according to specific experimental requirements to increase the viscosity of the culture media. This reagent is for research use only (RUO) and is not suitable for clinical diagnosis or any other purposes.

Operating Procedures (For Reference Only)

Operate in accordance with specific experimental requirements and dilute the solution to an appropriate concentration before use.

Precautions

1. Carboxymethyl Cellulose Solution (0.5%) is sterile, please ensure sterile operation.
3. Please use the reagent as soon as possible after opening to avoid affecting subsequent experimental results.
4. For your safety and health, wear a lab coat and disposable gloves during operation.

Specifications

Attribute	Value
Synonyms	Carboxymethyl Cellulose Solution CMC Solution
Specifications & Purity	BioReagent, for cell culture, sterile, 0.5% in water
Stability And Storage	Store at 2-8°C long term (12 months).

Attribute	Value
Storage Conditions	Store at 2-8°C
Shipped In	Wet ice This product requires cold chain shipping. Ground and other economy services are not available.

Contact & Global Offices

Whether you have a technical question, need help with a quotation, or want to inquire about an order, our regional teams are ready to assist. Please contact the office for your region; for general inquiries, the North American office is the corporate primary.

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Limitations & Disclaimer

- ❑ For Research Use Only (RUO). Not for use in human or animal diagnostics, therapeutics, or in vivo applications. Not for food, cosmetic, or household use.
- ❑ This product is not a CE-marked in vitro diagnostic device under IVDR (EU) 2017/746 and is not an FDA-cleared device under 21 CFR. Use is restricted to verified businesses, institutions, and qualified professionals for research and development purposes.
- ❑ Where any kit component is classified as hazardous under CLP (EC) 1272/2008 or OSHA HCS (29 CFR 1910.1200), the product Safety Data Sheet (SDS) takes precedence over this document for handling, storage, and disposal information.
- ❑ Performance depends on sample type, sample condition, handling, and operator technique. Users are responsible for validating the kit for their specific application.
- ❑ Aladdin product labels, SDS, COA, and approved specifications take precedence over this document. If product formulation, label, SDS, storage conditions, pack size, or quality specifications change, this document must be reviewed and reissued.