

SPECIFICATION OF SODIUM CARBOXYMETHYL CELLULOSE**CAS No.:** 【9004-32-4】**Synonyms:** Carboxymethyl Cellulose, CMC, Sodium CMC, Na-CMC, Cellulose Gum.**HS Code:** 39123100**Application:** Pharmaceutical Industry**Description:** CMC can be added to oral medicines to allow easy processing into the required shape and to aid digestion and absorption. It can also be used in ointments as a dispersant and humectant, as well as in some syrups as a suspending agent, emulsifier, stabilizer and more.**Mostly Popular Specifications for Pharmaceutical Industry**

Items	Pharm-1	Pharm-2	Pharm-3	Pharm-4	Pharm-5	Pharm-6
Product type						
Appearance	White to off-white powder					
Viscosity of 1% solution mPa.s, (25°C, Brookfield)	25-50	50-100	100-800	1000-2000	2000-3000	5000-6000
Degree of Substitution(D.S)	0.7-0.9	0.8-0.9	0.7-0.9	0.7-0.9	0.7-0.9	0.8-0.9
Purity, %	≥99.5					
pH(25°C, 1% solution)	6.0-8.5					
Loss on drying(H ₂ O), %	≤8.0					
Chloride(Cl ⁻), %	≤0.5					
NaCl & Na Glycolate, %	≤0.5					
Heavy Metal %	≤0.001					
Fe, %	≤0.02					
As, %	≤0.0002					
Lead, %	≤0.0002					
Cadmium, %	≤0.0001					
Mercury, %	≤0.0001					
Total Plate count, cfu/gr	≤1000					
E-coli, cfu/gr	Negative					
Yeast and mould, cfu/gr	≤100					

Packing and Storage:**Packing:** 25kg kraft paper bag with PE inner, or other packing as clients request.



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Storage:

- 1.Store in a cool, dry, clean environment with good ventilation. Max temperature 40℃, relative humidity ≤80%.
- 2.Pharmaceutical and food grade CMC should be kept separate from toxic or harmful substances and strong odors during transportation and storage.
- 3.From the date of production, industrial grade CMC can be preserved for 4 years. Food and pharmaceutical grade CMC can be preserved for 2 years. The product should not be used after the expiration date.
- 4.Do not allow the product to get wet or the packaging to get damaged during transportation.