



SPECIFICATION OF SODIUM CARBOXYMETHYL CELLULOSE

Commodity Name: 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

Type Items	HOSEAPHAR-1	HOSEAPHAR-2	HOSEAPHAR-3	HOSEAPHAR-4	HOSEAPHAR-5	HOSEAPHAR-6
Viscosity of 1% solution mPa.s,	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
Appearance	White to white cream powder					
Purity, %	≥99.5					
pH (25℃, 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(Pt) %	≤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, cuf/gr	≤100					



Packing and Storage:

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

Storage:

- 1.Store in a cool, dry, clean, ventilated environment.Temperature Max. 40°C, with a relative humidity ≤80%.
- 2.The product for pharmaceutical and food grade should not be put together with toxic substance and harmful substance or substance with peculiar smell during transportation and storage.
- 3.Since the date of production, a preservation period should not exceed 4 years for the industrial product and 2 year for the product for pharmaceutical and food grade.
- 4.The products should be prevented from water and package bag damaging during transportation.