



## 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:** Toothpaste Industry

**Description:**

HOSEA-TI®, as a very important raw materials in toothpaste production, can mix toothpaste liquid raw materials and solid raw materials together very well. It can also make toothpaste have a good shape-maintaining and unusual comfortable mouthfeel.

**Mostly Popular Specifications for Toothpaste Industry**

Type Items	HOSEA-TI-1	HOSEA-TI-2	HOSEA-TI-3	HOSEA-TI-4	HOSEA-TI-5	HOSEA-TI-6
Viscosity of 2% solution mPa.s,	500-1000	1000-1500	1500-3000	500-1500	300-800 *	800-1200 *
Degree of Substitution(D.S)	≥0.8	≥0.9	≥0.9	≥1.0	≥1.0	≥0.9
Appearance	White to white cream powder					
Purity, %	≥99.5					
pH (25℃, 1% solution)	6.0-8.5					
Loss on drying(H2O),%	≤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					
Remark	* indicate 1% solution viscosity					



**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℃, 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.