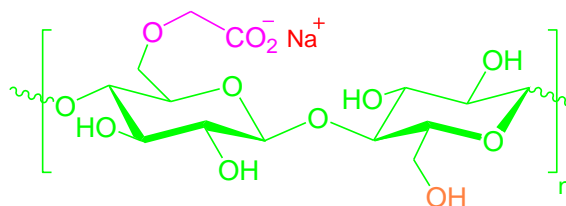


Product Specification

Product Name	Sodium Carboxymethyl Cellulose Carboxymethyl Cellulose (CMC) Sodium Salt of Carboxymethyl Cellulose
Product Number	206300
CAS Number	9004-32-4
MDL	MFCD00081472
M.F.	$C_{14}O_{12}H_{21}Na$
M.W. (Repeat Unit)	404.30 g.mol ⁻¹
Compound CID	6328154
Storage Temperature	2 – 8 °C
Manufacture Date	



Test	Specification
Appearance (Form)	Powder
Appearance (Color)	White to Light Yellow
Degree of substitution	0.5 (16.5%)
Infrared spectrum	Corresponds to reference spectrum
Purity (Titration)	≥ 98 %
Viscosity (c = 10 mg.mL ⁻¹ ; Water)	50 cps
Solubility (Water) (Common organic solvents)	Soluble (up to c = 30 mg.mL ⁻¹) Insoluble
Solubility (Color)	Clear to Yellow
Solubility (Turbidity) (c = 10 mg.mL ⁻¹ ; Water)	Clear
pH (c = 10 mg.mL ⁻¹ ; Water)	6 – 7
Recommended Retest Period	180 days