

Certificate of Analysis

Product Name: Sodium Carboxymethyl Cellulose (Food Grade)

Model	FVH6 / FS7000	Batch No.	20210623180
Manufacturing Date	2021/06/23	Expiry Date	2023/06/22
Batch Quantity	54,000KGS		
Quality Standard	GB1886.232-2016		

Test Items	Specifications	Test Results
Appearance	White to off-white free flowing powder	Complies
1% solution Brookfield viscosity, 25 °C, spindle 4# 30rpm, on dry basis (mPa.s)	7000 - 7500	7259
Degree of substitution	0.75 - 0.9	0.84
pH (1% in solutions)	6.0 - 8.5	6.96
Loss on drying (%)	≤8.0	6.2
Purity (%)	≥99.5	99.90
Chloride content (as NaCl) (%)	≤0.5	0.05
Sodium glycolate (%)	≤0.4	0.05
Sodium content (%)	≤12.4	8.4
Heavy metals (ppm)	≤10	<10
As (mg/kg)	≤2.0	<2.0
Pb (mg/kg)	≤2.0	<2.0
Hg (mg/kg)	≤1.0	<1.0
Cd (mg/kg)	≤1.0	<1.0
Total plate count (cfu/g)	≤500	Complies
Mould & Yeasts (cfu/g)	≤100	Complies
E. Coli (cfu/g)	Absent	Not detected
Salmonella (cfu/g)	Absent	Not detected
Staphylococcus aureus (cfu/g)	Absent	Not detected