

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2026-03-18 13:35:56

Date of Next Testing: 2030-03-17 13:35:56

Product Name: **Carboxymethyl cellulose**

CAS Number: 9004-32-4

Specifications & Purity: M.W. 90000(DS=0.7) ,50-100mPa.s

Lot #: C2613186

SKU #: **S52548**

Version: **0**

Analysis #: **677051**

Storage Temperature: Room temperature,Argon charged

Parameter	Limit Values	Result
pH	6.5-8	7.20
NaCl	0-0.25 (%)	0.15 %
Pb measure	0-10 (ppm)	5.00 ppm
Sodium glycolate	0-0.4 (%)	0.20 %
Mercury(Hg)	0-1 (ppm)	0.50 ppm
Loss on drying	0-10 (%)	6.66 %
(As)Arsenic	0-3 (ppm)	2.00 ppm
Viscosity(1% in H ₂ O,25°C)	50-100 (cP)	69.60 cP
Heavy metal (as Pb)	0-20 (ppm)	10.00 ppm
Cadmium(Cd)	0-1 (ppm)	0.50 ppm
Degree of substitution	0.65-0.9	0.80
Assay (dry basis)	99.5-100 (%)	99.50100 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Molecular Weight	Conforms	Conforms
Appearance(S52548)	white to light yellow granular powder	white to light yellow granular powder

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Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

