

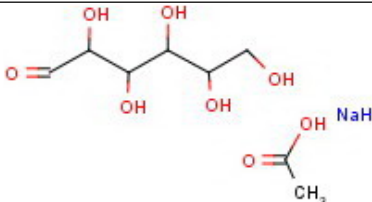


**HANGZHOU DINGYAN CHEM CO., LTD**  
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 Email:sales@dingyanchem.com

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## CERTIFICATE OF ANALYSIS

NO: **DYC011406291**

Product name	Carboxymethylcellulose sodium	CAS Number	9004-32-4
Molecule Structure		Molecule Formula	C <sub>8</sub> H <sub>16</sub> NaO <sub>8</sub>
Batch number	20140629	Customer Quantity	2000 kg net
Manuf. Date:	2014-06-29	Exp. Date	2016-06-28
Criteria	EP 7.0 +	Report Date	2014-07-05

Items	Standard	Result
Appearance	Light yellow granular powder granular powder; odorless, has hygroscopicity	Complies
Identification	1) Should be positive reaction 2) Should be positive reaction 3) Should be flame reaction show sodium	Positive reaction Positive reaction Flame reaction show sodium
PH	7.0—9.5	9.06
Assay	≥72%	75.88%
Loss on drying	Not more than 10.0%	6.2%
Substituting degree	0.70—0.80	0.74
viscosity	70-65 mPa s (25 C, 1% aqueous solution)	96.8

  
 Hangzhou Dingyan Chem Co., Ltd.  
**QUALITY CONTROL:** CHECK: 姚仙娟      INSPECTOR: 刘清风

ADD:RM 1118, NO.I BUILDING, BAIYUN TOWER, JIANGGAN AREA, HANGZHOU CITY, CHINA