



东辰集团
CHINA EASTAR GROUP

China Eastar Group (Dong Chen) Co., Ltd.

Shanghai Office: Room 1907, Dong Chen Building, No. 60, Mudan Rd,
Pu Dong New District, Shanghai, China. 201204

Tel:0086-21-68457016

Fax: 0086-21-68457032

Certificate of Analysis

Product Name	Carboxymethyl Chitosan		
Batch No.	SH20091206	Test Date	2009-12-11
Manufacture Date	2009-12-06	Weight	200 kg

Test Items	Specification	Test Results
Appearance	Off-White Powder	Comply
Degree of Substitution	$\geq 80.0\%$	82%
DAC Degree	$\geq 90.0\%$	92.1%
Viscosity (1% @20°C)	$\leq 100\text{mpa.s}$	20mpa.s
Moisture	$\leq 15.00\%$	9.8%
Ash	$\leq 1.0\%$	0.86%
PH	5.0~7.0	5.6
Arsenic	$\leq 0.5\text{ppm}$	<0.5ppm
Heavy Metal	$\leq 10\text{ppm}$	<10ppm
Particle Size	95% through 80 Mesh Sieve	Comply
Total Plate Count	$\leq 3000\text{cfu/g}$	<3000cfu/g
Molds & Yeast	$\leq 100\text{cfu/g}$	<100cfu/g
E.Coli	Negative	Negative
Salmonella	Negative	Negative
Conclusion	Qualified	
Remarks		

Inspector: Qi Xiaoni

Rechecker: Zhang Xiujuan