

Certificate of Analysis

Commodity: Sodium Carboxymethyl Cellulose (CMC)

Production Date: DEC.31, 2019

Quantity: 680BAGS/17000KGS

Product Name	CMC (Food grade)	Product types	FH2000	Batch No.	G201912-29
Items		Testing standards		Test results	
Mesh Size		97% pass mesh 80			
Viscosity (cps) 1%aqueous, Brookfield LVT,3#30rpm,25℃		2500		2431	
PH(1% aqueous)		6.0—8.5		7.2	
Degree of Substitution		0.80-0.85		0.85	
Purity % (Dry Basis)		≥99.5		99.6	
Loss on drying,%		≤8.0		6.8	
CL-,%		≤0.5		0.20	
Sodium glycollate,%		≤0.4		0.20	
Sodium,%		≤12.4		8.50	
Heavy metal		≤10ppm		conform	
Pb		≤3ppm		conform	
As		≤2ppm		conform	
Total plate count		≤1000cfu/g		conform	
Coliform MPN/100g		≤30		conform	
Salmonella		absent		conform	
Conclusion:		Qualified			

山东御龙纤维素科技有限公司

SHANDONG YULONG CELLULOSE TECHNOLOGY CO., LTD.

conform

Qualified