



**Hebei Mojin Biotechnology Co.,Ltd**  
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CERTIFICATE OF ANALYSIS

Product Name	CARBOMER	Batch No.	MJ20181021
Manufacture Date	2020/4/ 21	Expiration Date	2022/4/21
Product Origin	Hebei Mojin Biotechnology Co. , Ltd.		

Test Item	Specification	Result	
Appearance	Fluffy, white powder	Pass	
0.2% Aqueous solution viscosity(mPa·s)	13000~30000	21275	
0.5% Aqueous solution viscosity(mPa·s)	40000~60000	52000	
Residual Ethyl Acetate/Cyclohexane(%)	≤0.45	0.35	
Residual Acrylic Acid(%)	≤0.25	0.11	
0.2%Aqueous solution light transmittance(%)	≥85	95	
0.5%Aqueous solution light transmittance(%)	≥85	95	
Heavy Metals(mg/kg)	Hg	≤1	Pass
	As	≤2	Pass
	Cd	≤5	Pass
	Pb	≤10	Pass
Packing density (g/100mL)	19.5-23.5	Pass	
Loss on drying (%)	≤2.0	Pass	
Conclusion: PASS	Remark:		
Approved By	Kun Wang	Reported By	LiLi Liu