



Unilong Industry Co., Ltd

Add: No.2000 Shunhua Rd, High-Tech Zone , Jinan City, Shandong Province, China

Contact: +86-18678775281

Website: www.unilongmaterial.com

CERTIFICATE OF ANALYSIS

Product Name:	Carbomer 680	Batch No.	JL20230107
CAS	9007-20-9	MF Date	JAN.07,2023
Packing	20kg/drum	Analysis Date	JAN.07,2023
Quantity	5MT	Expiry Date	JAN.06,2025
Item	Standard		Result
Appearance	White powder		White powder
0.5% aqueous solution viscosity	≥ 45000 mpa.s		58000mpa.s
0.5% aqueous solution transmittance(420mm)	$\geq 85\%$		85.0%
Residual ethyl acetate	$\leq 0.5\%$		0.33%
Residual cyclohexane	$\leq 0.3\%$		0.12%
Acrylic acid	$\leq 0.25\%$		0.10%
Loss on drying	$\leq 2.0\%$		0.83%
Conclusion	Qualified		

Analyst: Wen Qian

Quality Assurance Officer: Zhan Peng