



CERTIFICATE OF ANALYSIS

Product		Carbomer 940	
Batch No.		210329	Packing 25kgs/metal drum
Product Date		2021/03/29	Expiry Date 2024/03//28
Items & Results			
Item		Spec.	Result
Appearance		Loose white to yellow powder	Complies
Identify		Meet the requirement	Complies
Viscosity (20r/min, 25oC, mPa.s)	0.2% aqueous solution	19000-35000	24000
	0.5% aqueous solution	40000-70000	42000
Solution clarity (420nm, %)	0.2% aqueous solution	>85	92
	0.5% aqueous solution	>85	91
Loss on drying%		<3.0	0.9
Assay % (-COOH)		56.0-68.0	61.3
pH value		2.5-3.5	3.1
Residual Benzene %		<0.5	0.22%
Packing density g/100ml		21.0	27
Pb+As+Hg+Sb/ppm		<10	Complies
Conclusion		Complies with the requirements.	
Storage		Keep in original packing,store in a cool and dry place at temperature of 15°C-25 °C.	
Shelf-life:		36 months in suggested storage condition.	
Analyst	马亮	Review	刘爱琴 Supervisor of QC 李敏

