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**CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	Carbomer 980	<b>Manufacture Date</b>	2024.1.21
<b>Quantity</b>	500KG	<b>Analysis Date</b>	2024.1.28
<b>Batch No.</b>	BF-240121	<b>Expiry Date</b>	2026.1.20
<b>Items</b>	<b>Specifications</b>	<b>Results</b>	<b>Method</b>
Appearance	Fluffy, white powder	Complies	visual inspection
Viscosity (0.2% Aqueous Solution) mPa · s	13000 ~30000	20500	rotational viscometer
Viscosity (0.5% Aqueous Solution) mPa · s	40000 ~60000	52200	rotational viscometer
Residual Ethyl Acetate / Cyclo hexane %	≤ 0.45%	0.43%	GC
Residual Acrylic Acid %	≤ 0.25%	0.082%	HPLC
Transmittance( 0.2 % Aqueous Solution) %	≥ 85%	96%	UV
Transmittance( 0.5 % Aqueous Solution) %	≥85%	94%	UV
Loss on Drying %	≤ 2.0%	1.2%	Oven method
Bulk density g/100mL	19.5 -23. 5	19.9	tapping apparatus
Hg(mg/kg)	≤ 1	Complies	Outsourcing inspection
As( mg/kg)	≤ 2	Complies	Outsourcing inspection
Cd(mg/kg)	≤ 5	Complies	Outsourcing inspection
Pb(mg/kg)	≤ 10	Complies	Outsourcing inspection
<b>Conclusion</b>	Sample Qualified.		

Conclusion: Approved

Tested by: Zhang Xiaoxuan

