

**CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	Polyquaternium-37	<b>Specification</b>	Company Standard
<b>Cas No.</b>	26161-33-1	<b>Manufacture Date</b>	2024.7.3
<b>Quantity</b>	120KG	<b>Analysis Date</b>	2024.7.9
<b>Batch No.</b>	ES-240703	<b>Expiry Date</b>	2026.7.2
<b>Items</b>	<b>Specifications</b>		<b>Results</b>
Appearance	White Powder		Conforms
Assay	≥99.0%		99.2%
Odor & Taste	Characteristic		Conforms
Melting Point	210°C-215°C		Conforms
Particle Size	95% pass 80 mesh		Conforms
Loss on drying	≤5%		2.67%
Residue on Ignition	≤5%		1.18%
Heavy Metals	≤10.0ppm		Conforms
Pb	≤1.0 ppm		Conforms
As	≤1.0 ppm		Conforms
Cd	≤1.0 ppm		Conforms
Hg	≤0.1 ppm		Conforms
Total Plate Count	≤1000cfu/g		Conforms
Yeast & Mold	≤100cfu/g		Conforms
E.coli	Negative		Negative
Salmonella	Negative		Negative
Staphylococcus	Negative		Negative
<b>Conclusion</b>	This sample meets the specifications.		

Conclusion: Approved

Tested by: Zhang Xiaoxuan

