

CERTIFICATE OF ANALYSIS

Product Name	Hydroxyethyl Urea	Specification	Company Standard
Cas No.	2078-71-9	Manufacture Date	2024.7.12
Quantity	500KG	Analysis Date	2024.7.18
Batch No.	ES-240712	Expiry Date	2026.7.11
Items	Specifications		Results
Appearance	White Crystalline Powder		Conforms
Assay	≥98.0%		98.2%
Melting Point	92℃-96℃		Conforms
PH	6.5-7.5		Conforms
Solubility	Soluble in water(1:10)		Conforms
Loss on drying	≤5%		3.6%
Ash Content	≤5%		2.1%
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
Conclusion	This sample meets the specifications.		

Conclusion: Approved

Tested by: Zhang Xiaoxuan

