



XI'AN BIOF BIO-TECHNOLOGY CO.,LTD

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CERTIFICATE OF ANALYSIS

Product Name	2-Hydroxyethylurea	Specification	Company Standard
Cas No.	2078-71-9	Manufacture Date	2024.12.15
Quantity	120KG	Analysis Date	2024.12.21
Batch No.	ES-241215	Expiry Date	2026.12.14
Molecular Formula	C3H8N2O2	Formula Weight	104.11
Items	Specifications		Results
Appearance	Colorless Liquid		Conforms
Assay	$\geq 50.0\%$		50.15%
Melting Point	$164^{\circ}\text{C} \sim 169^{\circ}\text{C}$		Conforms
Boiling Point	$254.3 \pm 32.0^{\circ}\text{C}$		Conforms
Density	$1.222 \pm 0.06 \text{ g/cm}^3$		Conforms
Heavy Metals	$\leq 10.0 \text{ ppm}$		Conforms
Pb	$\leq 0.5 \text{ ppm}$		Conforms
As	$\leq 0.5 \text{ ppm}$		Conforms
Cd	$\leq 0.5 \text{ ppm}$		Conforms
Hg	$\leq 0.1 \text{ ppm}$		Conforms
Total Plate Count	$\leq 500 \text{ cfu/g}$		Conforms
Yeast & Mold	$\leq 50 \text{ cfu/g}$		Conforms
Conclusion	This sample meets the specifications.		

Conclusion: Approved

Tested by: Zhang Xiaoxuan

