



CERTIFICATE OF ANALYSIS

Product Name	Homocysteinethiolactone hydrochloride	Batch No.	JL20250503
CAS	6038-19-3	MF Date	MAY.03,2025
Packing	25kg/drum	Analysis Date	MAY.03,2025
Quantity	3000kg	Expiry Date	MAY.02,2027
ITEM	STANDARD		RESULT
Appearance	White crystalline powder		Conforms
FTIR	Conforms To Reference		Conforms
Purity (HPLC)	$\geq 98.5\%$		99.9%
Iron(Fe)	$\leq 20\text{ppm}$		$< 20\text{ppm}$
Heavy metal(Pb)	$\leq 10\text{ppm}$		$< 10\text{ppm}$
Melting point	199°C~203°C		200°C~202°C
Loss on drying	$\leq 0.5\%$		0.13%
Conclusion	Qualified		

Analyst: Wen Qian

Quality Assurance Officer: Zhan Peng

