

CERTIFICATE OF ANALYSIS

Product Name:	Afoxolanera		
Batch No.	108230602	Quantity	26.6kg
Manufacturing Date	June 17, 2023	Expiry Date TO	June 16, 2025
Sampling Date	June 18, 2023	Report Date	June 19, 2023
Analytical results			
Items	Specifications		Results
Appearance	White or almost white powder		White powder
Solubility	Very soluble in N,N-dimethylformamide, freely soluble in methanol ,practically insoluble in water		Very soluble in N,N-dimethylformamide, freely soluble in methanol ,practically insoluble in water.
Identification	IR: The infrared absorption spectrum of the sample shall be consistent with that of the reference substance.		Complies
	Organic Fluoride Identification: The identification reaction of obvious organofluoride		Complies
	HPLC: The retention time of the major peak of the sample solution corresponds to that of the standard solution,as obtained in the Assay.		Complies
Organic impurities	Single impurity : not more than 0.20%		0.098%
	Total impurities: not more than 1.0%		0.28%
Loss on drying	Not more than 1.0%		0.10%
Residue on ignition	Not more than 0.10%		0.045%
Heavy metal	Not more than 20ppm		Complies
Assay	NLT 98.0% and NMT 102.0% of C ₂₆ H ₁₇ ClF ₉ N ₃ O ₃ ,calculated on the dried basis.		100.20%
Conclusion	Meets the requirements of QS-1121.		

Inspector: Carlifor Wu

Verifier: Jack He

