



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis

Product Information

Item	Details
Product Name	Fluralaner
Product Number	FL-20260225
Batch Number	FL-SH2026022501
Brand	SIGALD
CAS Number	654056-75-8
MDL Number	MFCD11111866
Formula	C ₂₄ H ₁₉ F ₇ N ₄ O ₂
Formula Weight	556.42 g/mol
Quality Release Date	25 FEB 2026

Test Results

Test	Specification (Industry & Pharmacopoeial Standard)	Result	Unit	Test Method
Appearance (Color)	White to off-white	White	-	Visual Inspection
Appearance (Form)	Crystalline powder	Crystalline powder	-	Visual Inspection
Assay (Fluralaner)	≥ 98.5%	99.4%	%	High Performance Liquid Chromatography (HPLC)
Loss on Drying	≤ 0.5%	0.15%	%	105°C, 2 hours
Residue on Ignition	≤ 0.1%	0.004%	%	600±25°C Ignition Method
Heavy Metals (Pb)	≤ 2 ppm	0.02 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 1 ppm	0.005 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Related Substances	≤ 1.0%	0.12%	%	High Performance Liquid Chromatography (HPLC)
Melting Point	145-150°C	147-149°C	°C	Melting Point Apparatus
Solubility in Acetone	Freely soluble	Complies	-	Pharmacopoeia Method
Total Bacterial Count	≤ 10 CFU/g	1 CFU/g	CFU/g	Plate Count Method
E. coli	Negative	Negative	-	Microbiological Detection
Yeast & Mold	≤ 10 CFU/g	2 CFU/g	CFU/g	Plate Count Method
Supplier Information	Confirmed	Confirmed	-	-

Certification

This batch of product has been tested in accordance with the industrial and pharmacopoeial standards for Fluralaner and meets all specified requirements. It is qualified for use.

Issue Date:25 FEB 2026