



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis

Product Name: Riluzole

Product Information

Item	Details
Product Number	RIL-20260225
Batch Number	RIL-SH2026022501
Brand	SIGALD
CAS Number	1744-22-5
MDL Number	MFCD00072025
Formula	C ₈ H ₅ F ₃ N ₂ OS
Formula Weight	234.20 g/mol
Quality Release Date	25 FEB 2026

Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance	White to off-white crystalline powder	White crystalline powder	-	Visual Inspection
Assay (HPLC)	≥ 99.5%	99.8%	%	HPLC (USP 45)
Melting Point	118-122°C	120.3°C	°C	Capillary Melting Point Method
Loss on Drying	≤ 0.5%	0.12%	%	105°C, 2 hours
Residue on Ignition	≤ 0.1%	0.02%	%	800±25°C
Heavy Metals (Pb)	≤ 5 ppm	1.5 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Optical Rotation	[α] ₂₀ ^D : ±0.5°	0.2°	°	1% in CHCl ₃ , 100mm tube
Related Substances (Individual)	≤ 0.05%	0.02%	%	HPLC
Related Substances (Total)	≤ 0.3%	0.07%	%	HPLC
Solubility in Ethanol	Freely soluble	Complies	-	USP Solubility Test
pH Value (1% in water, 25°C)	5.0-7.0	6.1	-	Digital pH Meter

Certification

This batch of Riluzole has been tested in accordance with the relevant industrial and pharmaceutical raw material standards (USP 45/Ph. Eur. 10.0), and all test results meet the specified requirements. The product is qualified for use.

Issue Date: 25 FEB 2026