



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-202491
Lot Number: SAMPLE
Product Name: BAY 41-2272
CAS Number: 256376-24-6
Molecular Formula: $C_{20}F_{11}H_{17}N_6$
Molecular Weight: 360.4

Test	Specification	Result
Appearance	White to off-white needles	Off-white needles
Identification (HPLC)	Consistent with standard reference	Complies
Identification (Infrared Spectrum)	Consistent with standard reference	Complies
Purity	> 98.0%	99.6%
Solubility	Soluble in DMSO (10 mg/ml), dichloromethane (15 mg/ml), 100% ethanol (4.5 mg/ml) or 2-pyrrolidone (47.9 mg/ml). Practically insoluble in water.	Complies
Heavy Metals (ICP)	≤ 50 ppm	20 ppm
Chloride	≤ 500 ppm (Titration)	314 ppm (Titration)
Water Content	$\leq 1.0\%$	0.1%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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