



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-488559
Lot Number: SAMPLE
Product Name: KL001
CAS Number: 309928-48-1
Molecular Formula: $C_{21}H_{22}N_2O_4S$
Molecular Weight: 398.48

Test	Specification	Result
Identification (Infrared Spectrum)	Consistent with standard	Complies
Identification (Mass Spectrometry - APCI)	MH+: 398.3	398.9
Purity (HPLC)	$\geq 98\%$	99.6% Retention Time Actual.: 10.10 min
Purity (TLC)	$\geq 98\%$	100.00% Rf: 0.48
Melting Point	100 - 110 °C	107 - 109 °C
UV/Visible Spectrum	λ_{max} 1: 343 nm λ_{max} 2: 329 nm λ_{max} 3: 293 nm λ_{max} 4: 261 nm λ_{max} 5: 235 nm λ_{max} 6: 228 nm	Complies

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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