



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-280046
Lot Number: SAMPLE
Product Name: quetiapine
CAS Number: 111974-69-7
Molecular Formula: $C_{21}H_{25}N_3O_2S$
Molecular Weight: 383.5

Test	Specification	Result
Appearance	White crystalline powder; odourless & tasteless	Complies
Identification	1) Reaction with KMnO ₄ produces brown ppt 2) Light absorption has max. at 289 nm 3) IR spectrum in accordance with reference	Complies Complies Complies
Purity	> 98.5%	100.07%
Residue on Ignition	≤ 0.1%	0.05%
Solubility	Freely soluble in glacial acetic acid; slightly soluble in methanol or ethanol; practically insoluble in water	Complies
Loss on Drying	≤ 0.5%	0.03%

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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