



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-204942
Lot Number: SAMPLE
Product Name: Zafirlukast
CAS Number: 107753-78-6
Molecular Formula: $C_{31}H_{33}N_3O_6S$
Molecular Weight: 575.68

Test	Specification	Result
Appearance	Pale pink to buff coloured powder	Buff coloured powder
Purity (HPLC)	98.5% - 101.5%	98.9%
Solubility	Freely soluble in acetone and ethyl acetate; Slightly soluble in methanol and chloroform	Complies
Heavy Metals	≤ 20 ppm	< 20 ppm
Loss on Drying	$\leq 1.0\%$	0.42%
Related Substances (HPLC)	$\leq 1.0\%$	Not detected
Water Content	$\leq 1.0\%$	0.92%

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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