



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-482298
Lot Number: SAMPLE
Product Name: Sitagliptin
CAS Number: 486460-32-6
Molecular Formula: $C_{16}H_{15}F_6N_5O$
Molecular Weight: 407.31

Test	Specification	Result
Appearance	White to off-white powder	Off-white powder
Identification (LCMS)		Consistent with structure
Purity (HPLC)	$\geq 98\%$	99.0%
TLC		Rf = 0.45, one spot
Melting Point	110 - 120 °C	112 - 120 °C
Loss on Drying	$\leq 1.0\%$	0.4%
Chloride	$\leq 0.05\%$	Complies
Ethyl Acetate	$\leq 0.5\%$	Complies
Sulfate	$\leq 0.02\%$	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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