



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-353658
Lot Number: SAMPLE
Product Name: Lapatinib
CAS Number: 231277-92-2
Molecular Formula: $C_{29}H_{26}ClFN_4O_4S$
Molecular Weight: 581.06

Test	Specification	Result
Appearance (Color)		Pale yellow
Appearance (Form)		Crystalline solid; granular or powder
Purity (HPLC)		> 99%
Purity (TLC)		> 99%
Melting Point		139 - 141 °C
Carbon Content	59.57%	59.41%
Chlorine Content	6.06%	6.38%
Fluorine	3.25%	3.24%
Hydrogen Content	4.55%	4.52%
Nitrogen Content	9.58%	9.54%
Sulfur	5.48%	5.42%

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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