



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-364643
Lot Number: SAMPLE
Product Name: Vemurafenib
CAS Number: 918504-65-1
Molecular Formula: $C_{23}H_{18}ClF_2N_3O_3S$
Molecular Weight: 489.92

Test	Specification	Result
Appearance (Color)		White to off-white
Appearance (Form)		Crystalline solid; granular or powder
Purity (HPLC)		99%
Purity (TLC)		99%
Melting Point		266.5 - 270 °C
Carbon Content	56.39%	56.55%
Chlorine Content	7.24%	7.35%
Fluorine	7.76%	7.85%
Hydrogen Content	3.70%	3.55%
Nitrogen Content	8.58%	8.49%
Sulfur Content	6.54%	6.58%

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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