



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-218081
Lot Number: SAMPLE
Product Name: Dasatinib (monohydrate)
CAS Number: 863127-77-9
Molecular Formula: $C_{22}H_{28}ClN_7O_3S$
Molecular Weight: 506.02

Test	Specification	Result
Appearance	White or almost white powder	Complies
Assay (HPLC)	$\geq 99\%$	99.87%
Identification	HPLC, IR: Conforms to structure	Complies
Residue on Ignition	$\leq 0.1\%$	0.07%
Solubility	Slightly soluble in ethanol and methanol. Insoluble in water.	Complies
Heavy Metals	≤ 20 ppm	Complies
Related Substances	Single impurity: $\leq 0.1\%$ Total impurities: $\leq 1.0\%$	0.04% 0.13%
Water Content	3.0 - 5.0%	4.6%

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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