



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-212683
Lot Number: SAMPLE
Product Name: (R)-Cetirizine N-Oxide DiHCl
CAS Number: 442863-80-1 (free base)
Molecular Formula: $C_{21}H_{25}ClN_2O_4 \cdot 2HCl$
Molecular Weight: 477.82

Test	Specification	Result
Appearance	Off-white solid	Complies
Identification (1H -NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Purity	$\geq 98.0\%$ by Chiral HPLC	100.0%
Purity (HPLC)	$\geq 95.0\%$	95.8%
Impurity		(R)-cetirizine: 0.7% by HPLC
Dichloromethane		6.5% by 1H -NMR
Ethyl Acetate		1.0% by 1H -NMR

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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