



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-505283
Lot Number: SAMPLE
Product Name: 3-Hydroxy Detomidine Hydrochloride
CAS Number: 1794759-72-0
Molecular Formula: $C_{12}H_{15}ClN_2O$
Molecular Weight: 238.71
Native Source: Synthetic

Test	Specification	Result
Appearance	White to light beige solid	White solid
Identification (NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Purity (TLC)		98%
Melting Point		204 - 207 °C
Carbon Content	60.38%	60.28%
Chloride		14.29% by Ion Chromatography
Hydrogen Content	6.33%	6.48%
Nitrogen Content	11.74%	11.55%

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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