



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-218580
Lot Number: SAMPLE
Product Name: Histamine- $\alpha,\alpha,\beta,\beta$ -d4 Dihydrochloride
CAS Number: 344299-48-5
Molecular Formula: $C_5H_7D_4Cl_2N_3$
Molecular Weight: 188.09

Test	Specification	Result
Appearance		Off-white solid
Identification (1H -NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Isotopic Purity		98.8%
Purity (TLC)		98%
Atmosphere		Inert gas
Melting Point		232 - 237 °C (dec.)
Solubility		Methanol
Carbon Content	31.93%	31.92%
Hydrogen Content	5.93%	5.74%
Nitrogen Content	22.34%	21.85%

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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