



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-501152
Lot Number: SAMPLE
Product Name: Chlorhexidine Digluconate Impurity N Hydrochloride
CAS Number: 152504-10-4 free acid
Molecular Formula: $C_{15}H_{25}ClN_8 \cdot xHCl$
Molecular Weight: 352.87

Test	Specification	Result
Appearance	White to light yellow solid	Off-white solid
Identification (NMR)	Conforms to structure	Complies
Identification (Mass Spectrometry)	Conforms to structure	Complies
Purity		97%
Purity (HPLC)	>95%	99.96% (260 nm)
Solubility		Methanol (slightly), Water (slightly)
Carbon Content		41.12%
Chloride		18.11% (by Ion Chromatography)
Hydrogen Content		6.37%
Nitrogen Content		25.33%

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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