



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-214596
Lot Number: SAMPLE
Product Name: Betaine hydrochloride
CAS Number: 590-46-5
Molecular Formula: $C_5H_{12}NO_2 \cdot Cl$
Molecular Weight: 153.61

Test	Specification	Result
Appearance	White powder or crystals	White crystals
Assay	$\geq 98\%$ (dried basis)	99.3 %
pH	0.8 - 1.2	1.1
Residue on Ignition	$\leq 0.1\%$	0.05 %
Heavy Metals	≤ 10 ppm	Complies
Loss on Drying	$\leq 0.5\%$	0.21 %
Arsenic	≤ 1 ppm	Complies
Cadmium	≤ 1 ppm	Complies
Lead	≤ 3 ppm	Complies
Mercury	≤ 0.1 ppm	Complies

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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