



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-230249
Lot Number: SAMPLE
Product Name: 2-Dimethylaminoethanol (+)-bitartrate salt
CAS Number: 5988-51-2
Molecular Formula: $C_4H_{11}NO \cdot C_4H_6O_6$
Molecular Weight: 239.22

Test	Specification	Result
Appearance	Colorless or white powder or crystals	White crystals
Purity (Nonaqueous Titration)	99.0 - 101.0 % by $HClO_4$ 0.1M	99.1%
Melting Point	109 - 113 °C	113 °C
Specific Rotation ($\alpha_{20/D}$)	$+18 \pm 1^\circ$ (c=3 in water)	17.5 °
Carbon Content	40.17%	39.92%
Hydrogen Content	7.16 %	7.45%
Nitrogen Content	5.86 %	5.81%

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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