



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-230990
Lot Number: SAMPLE
Product Name: 2,4-Dimethylphenylhydrazine hydrochloride
CAS Number: 60480-83-3
Molecular Formula: $C_8H_{13}ClN_2$
Molecular Weight: 172.66

Test	Specification	Result
Appearance (Color)	White to brown	Light brown
Appearance (Form)	Powder or crystals	Powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (Titration)	96.5 - 103.5% (by $AgNO_3$ after oxygen combustion)	99.8%
Carbon Content	53.7 - 57.6%	55.3%
Nitrogen Content	15.6 - 16.8%	15.7%

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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