



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-232533
Lot Number: SAMPLE
Product Name: 4-Chloro-1,3-diaminobenzene
CAS Number: 5131-60-2
Molecular Formula: $\text{ClC}_6\text{H}_3(\text{NH}_2)_2$
Molecular Weight: 142.59

Test	Result
Appearance	Grey powder
Gas Liquid Chromatography	99.9%
Identification ($^1\text{H-NMR}$)	Consistent with structure
Identification (Infrared Spectrum)	Consistent with structure
Purity (Silver Nitrate Titration)	99.1% (with AgNO_3 after Oxygen combustion)
Melting Point	87.4 - 90.3°C
Carbon Content	50.3%
Nitrogen Content	20.0%

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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