



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-297952
Lot Number: SAMPLE
Product Name: (1,4-Diazabicyclo[2.2.2]octane)copper(I)chloride complex
CAS Number: 57953-31-8
Molecular Formula: $C_6H_{12}N_2 \cdot CuCl$
Molecular Weight: 211.17

Test	Specification	Result
Appearance	White to orange to tan solid, powder	Light orange powder
Identification (ICP)		Confirms copper component
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (Silver Nitrate Titration)	96.5 - 103.5%	102.7%
Purity (Titration, Complexometric)		30.47% Cu
Melting Point		Onset at 166.5 °C peak at 183.4 °C (by DSC)
Carbon Content		34.02%
Nitrogen Content		13.24%

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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