



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-255100
Lot Number: SAMPLE
Product Name: Diiodo(bis(diphenylphosphino)ethane)cobalt(II)
CAS Number: 34775-39-8
Molecular Formula: $C_{26}H_{24}CoI_2P_2$
Molecular Weight: 711.16

Test	Specification	Result
Appearance	Green to dark green powder and/or crystals	Green powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (Silver Nitrate Titration)	34.3% - 37.1% (after oxygen)	34.8% (after oxygen combustion)
Melting Point		> 300 °C (by DSC)
Carbon Content	42.2% - 45.7%	42.83%
Hydrogen Content		3.52%

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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