



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-205754
Lot Number: SAMPLE
Product Name: Mitotane
CAS Number: 53-19-0
Molecular Formula: $C_{14}H_{10}Cl_4$
Molecular Weight: 320.04

Test	Specification	Result
Appearance	White or pale whitish crystalline powder	Complies
Identification (Infrared Spectrum)	Consistent with standard	Complies
Purity	97.0 - 103.0%	102.8%
Purity (UHPLC)	$\geq 98.0\%$	98.9%
Melting Point	75.0 - 81.0 °C	75.0 - 76.0 °C
Residue on Ignition	$\leq 0.5\%$	0.08%
UV Absorption	Consistent with standard	Complies
Loss on Drying	$\leq 0.5\%$	0.12%
Organic Volatile Impurities	Benzene: ≤ 2 ppm Chloroform: ≤ 60 ppm 1,4-Dioxane: ≤ 380 ppm Methylene Chloride: ≤ 600 ppm Trichloroethylene: ≤ 80 ppm	Complies Complies Complies Complies Complies

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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