



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-226481
Lot Number: SAMPLE
Product Name: 4-Amino-4'-nitrodiphenyl sulfide
CAS Number: 101-59-7
Molecular Formula: $C_{12}H_{10}N_2O_2S$
Molecular Weight: 246.29

Test	Specification	Result
Appearance	Yellow crystalline powder	Complies
Purity (LC)	$\geq 99\%$	99.6%
Melting Point	$\geq 140^\circ$	140 – 142 °C
Impurity	p-Nitrochlorobenzene $\leq 0.3\%$ p-Mercaptoaniline $\leq 0.3\%$ 2-Amino-4'-nitrodiphenyl sulfide $\leq 0.3\%$	Negative Negative Negative
Loss on Drying	$\leq 0.5\%$	0.23%
Water Content	$\leq 0.5\%$	0.11%

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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