



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-497212
Lot Number: SAMPLE
Product Name: 3,5-Dinitrosalicylhydrazide
CAS Number: 955-07-7
Molecular Formula: $C_7H_6N_4O_6$
Molecular Weight: 242.15

Test	Specification	Result
Appearance		Brownish yellow solid
Identification (1H-NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Purity (TLC)		98%
Atmosphere		Air
Melting Point		240 - 245 °C
Solubility		Aqueous base (sparingly), DMSO (slightly)
Carbon Content	34.72%	34.37%
Hydrogen Content	2.50%	2.40%
Methanol		2.6%
Nitrogen Content	23.14%	22.96%

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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