



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-258239
Lot Number: SAMPLE
Product Name: Tetramethylthiuram disulfide
CAS Number: 137-26-8
Molecular Formula: $C_6H_{12}N_2S_4$
Molecular Weight: 240.43

Test	Specification	Result
Appearance	White to off white powder	White powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)	$\geq 96.5\%$	$> 99.9\%$
Solution (Color)	Dark yellow to yellow-green solution in 5% chloroform	Yellow-green solution in $CHCl_3$ at 50 mg/ml
Solution (Turbidity)	Clear to slightly hazy solution in 5% chloroform	Clear solution in $CHCl_3$ at 50 mg/ml
Carbon	28.9 - 31.0%	29.9%
Nitrogen	11.2 - 12.1%	11.7%

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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