



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-211360
Lot Number: SAMPLE
Product Name: Disodium Cyanodithioimidocarbamate
CAS Number: 138-93-2
Molecular Formula: $C_2N_2Na_2S_2$
Molecular Weight: 162.14
Native Source: Synthetic

Test	Specification	Result
Appearance		Pale yellow solid
Identification (FTIR)		Consistent with structure
Identification (1H -NMR)		Consistent with structure
Identification (^{13}C -NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Purity		96%
Atmosphere		Inert Gas
Melting Point		263 - 268°C
Solubility		Water (Slightly)
Carbon Content	14.81%	14.05%
Hydrogen Content		0.72%
Nitrogen Content	17.28%	15.93%
Sodium		25.47% by Ion Chromatography
Water Content		5.2% based on Elemental Analysis

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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