



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-202576
Lot Number: SAMPLE
Product Name: Diethyldithiocarbamic acid sodium salt trihydrate
CAS Number: 20624-25-3
Molecular Formula: $C_5H_{10}NS_2 \cdot Na \cdot 3H_2O$
Molecular Weight: 225.3

Test	Specification	Result
Appearance	White to off-white solid	White solid
Identification (1H -NMR)	Consistent with standard reference	Complies
Purity (Titration)	$\geq 99.0\%$	100.1%
Solubility	Soluble in water (100 mg/ml)	Complies
Heavy Metals (ICP)	Cd ≤ 5 mg/kg Co ≤ 5 mg/kg Cr ≤ 5 mg/kg Cu ≤ 5 mg/kg Fe ≤ 5 mg/kg Mn ≤ 5 mg/kg Ni ≤ 5 mg/kg Pb ≤ 5 mg/kg Zn ≤ 5 mg/kg	Complies
Carbon Content	26.66%	26.64%
Hydrogen Content	7.16%	7.11%
Nitrogen Content	6.22%	6.21%
Sulfated Ash	30 - 32%	31.4%
Water Content	23.90%	24.60%

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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