

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Sodium diethyldithiocarbamate trihydrate, reagent grade, 99.0%

ITEM NUMBER: S104926
BRAND: Aladdin
CAS NUMBER: 20624-25-3
MDL NUMBER: MFCD00150617
FORMULA: C₅H₁₀NNaS₂ · 3H₂O
MOLECULAR WEIGHT: 225.31

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	White to Off-White Powder or Crystals		
Carbon by Elemental Analysis(anhydrous basis)	34.4 %	35.8 %	35.8 %
Nitrogen by Elemental Analysis(anhydrous basis)	7.9 %	8.5 %	8.5 %
Proton NMR spectrum	Conforms to Structure		
Purity(Titration with HClO ₄)(calc. to the dried substance)	99 %	100 %	100 %
Sodium by Elemental Analysis(anhydrous basis)	13.1 %	13.7 %	13.7 %
Solubility in Water	Faint yellow to green, Slightly hazy, 1g/10ml		