

## Certificate of Analysis

Date of Testing: 2022-03-23 16:57:00  
Date of Next Testing: 2024-03-22 16:57:00  
Product Name: **Dimethylaminothioformyl chloride**  
CAS Number: 16420-13-6  
Specifications & Purity:  $\geq 97.0\%$ (GC)  
Lot #: C2218372  
SKU #: **N135547**  
**Analysis:** **076385**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	97.26 %
Melting point	41-45 (°C)	44.95000 °C
Purity(Titration by AgNO <sub>3</sub> )	96.5-103.5 (%)	99.98 %
Appearance (N135547)	White to Yellow to Green Powder, Crystals or Chunks	White to Yellow to Green Powder, Crystals or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in CH <sub>2</sub> Cl <sub>2</sub> , Yellow to yellow-green, Clear to slightly hazy, 10%	pass	Pass



John Su  
QA & QC Manager