

## Certificate of Analysis

Date of Testing: 2024-05-13 11:17:08  
Date of Next Testing: 2026-05-13 11:17:08  
Product Name: **Dimethylaminothioformyl chloride**  
CAS Number: 16420-13-6  
Specifications & Purity:  $\geq 97.0\%$ (GC)  
Lot #: E2407226  
SKU #: **N135547**  
**Analysis:** **357316**  
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter   | Limit Values   | Result   |
|---|--|--|
| Purity(GC)  | 97-100 (%)   | 98.21 %  |
| Melting point   | 41-45 (°C)   | 41.97000 °C  |
| Purity(Titration by AgNO <sub>3</sub> )   | 96.5-103.5 (%)   | 96.50 %  |
| Appearance (N135547)  | White to Yellow to Green<br>Powder, Crystals or Chunks | White to Yellow to Green<br>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   |



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