

## Certificate of Analysis

Date of Testing: 2022-12-02 14:35:05  
Date of Next Testing: 2024-12-01 14:35:05  
Product Name: **Thioacetamide**  
CAS Number: 62-55-5  
Specifications & Purity: ACS, ≥99.0%  
Lot #: K2228782  
SKU #: **T118452**  
Analysis: **144232**

| Parameter  | Limit Values                          | Result                                |
|--|---------------------------------------|---------------------------------------|
| Purity(Iodometric Titration)                               | 98.5-101.5 (%)                        | 99.99 %                               |
| Melting point  | 111-114 (°C)                          | 113.20000 °C                          |
| Purity(GC)   | 99-100 (%)                            | 99.55 %                               |
| Ignition Residue   | 0-0.05 (%)                            | 0.05 %                                |
| Appearance (T118452)                                       | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Solubility in H <sub>2</sub> O , Colorless, Clear, 2% pass |                                       | Pass                                  |
| Infrared spectrum  | Conforms to Structure                 | Conforms to Structure                 |



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