

## Certificate of Analysis

Date of Testing: 2023-03-10 16:09:40  
Date of Next Testing: 2025-03-09 16:09:40  
Product Name: **11-Mercaptoundecanoic acid**  
CAS Number: 71310-21-9  
Specifications & Purity:  $\geq 95\%$   
Lot #: E2126183  
SKU #: **W137684**  
**Analysis:** **197322**  
Storage Temperature: Argon charged

| Parameter                    | Limit Values                                       | Result                                             |
|------------------------------|----------------------------------------------------|----------------------------------------------------|
| Purity(GC)                   | 95-100 (%)                                         | 95.10 %                                            |
| Sulfur by Elemental Analysis | 13.92-18.92 (%)                                    | 13.94 %                                            |
| Appearance (W137684)         | white to pale yellow Powder, Crystals and/or Chunk | white to pale yellow Powder, Crystals and/or Chunk |
| Proton NMR spectrum          | Conforms to Structure                              | Conforms to Structure                              |



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