

## Certificate of Analysis

Date of Testing: 2025-06-10 10:09:48  
 Date of Next Testing: 2029-06-09 10:09:48  
 Product Name: **Stearic Hydrazide**  
 CAS Number: 4130-54-5  
 Specifications & Purity:  $\geq 95\%$   
 Lot #: H2119281  
 SKU #: **S161125**  
 Version: **1**  
 Analysis #: **521913**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                               | Limit Values                             | Result                                   |
|-----------------------------------------|------------------------------------------|------------------------------------------|
| Melting point                           | 114-118 (°C)                             | 116.67000 °C                             |
| Assay (Non-aqueous acid-base Titration) | 94-102 (%)                               | 97.03400 %                               |
| Appearance (S161125)                    | white or almost white powder or crystals | white or almost white powder or crystals |
| Proton NMR spectrum                     | Conforms to Structure                    | Conforms to Structure                    |
| Carbon NMR Spectrum                     | Conforms to Structure                    | Conforms to Structure                    |



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