

## Certificate of Analysis

Date of Testing: 2023-08-15 15:13:10  
 Date of Next Testing: 2025-08-04 15:13:10  
 Product Name: **8-Quinolinesulfonyl chloride**  
 CAS Number: 18704-37-5  
 Specifications & Purity: 98%  
 Lot #: K2108704  
 SKU #: **Q106180**  
**Analysis:** **264277**  
 Storage Temperature: Argon charged, Desiccated

| Parameter                               | Limit Values                                                 | Result                                                       |
|-----------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|
| Melting point                           | 128-132 (°C)                                                 | 130.16000 °C                                                 |
| Purity(Titration by AgNO <sub>3</sub> ) | 98-102.5 (%)                                                 | 100.04 %                                                     |
| Appearance (Q106180)                    | white to tan or light yellow powder and/or chunks to crystal | white to tan or light yellow powder and/or chunks to crystal |
| NMR spectrum                            | Conforms to Structure                                        | Conforms to Structure                                        |



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QA & QC Manager