

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-06-25 17:00:23  
 Date of Next Testing: 2024-06-14 17:00:23  
 Product Name: **8-Quinolinesulfonyl chloride**  
 CAS Number: 18704-37-5  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: F2221134  
 SKU #: **Q106180**  
 Version: **0**  
 Analysis #: **092480**  
 Storage Temperature: Room temperature, Argon charged, Desiccated

| Parameter                               | Limit Values                                                 | Result                                                       |
|-----------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|
| Melting point                           | 128-132 (°C)                                                 | 131.23000 °C                                                 |
| Purity(Titration by AgNO <sub>3</sub> ) | 98-102.5 (%)                                                 | 102.49000 %                                                  |
| NMR spectrum                            | Conforms to Structure                                        | Conforms to Structure                                        |
| 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 |



John Su  
QA & QC Manager