

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-15 14:24:52  
 Date of Next Testing: 2027-07-14 14:24:52  
 Product Name: **5,7-Dichloro-8-quinolinol**  
 CAS Number: 773-76-2  
 Specifications & Purity:  $\geq 98\%$ (GC)  
 Lot #: G2310057  
 SKU #: **D121525**  
 Version: **3**  
 Analysis #: **236587**  
 Storage Temperature: Room temperature

| Parameter                        | Limit Values                                                              | Result                                                                    |
|----------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Melting point                    | 179-183 (°C)                                                              | 181.72000 °C                                                              |
| Purity(GC)                       | 98-100 (%)                                                                | 98.81400 %                                                                |
| Purity(Neutralization titration) | 97.5-102.5 (%)                                                            | 100.82000 %                                                               |
| Appearance (D121525)             | Off-White to Beige and Faint Grey to Grey to tan Powder or Fibrous Powder | Off-White to Beige and Faint Grey to Grey to tan Powder or Fibrous Powder |
| Proton NMR spectrum              | Conforms to Structure                                                     | Conforms to Structure                                                     |
| Solubility in hot Acetone        | almost transparency                                                       | almost transparency                                                       |



John Su  
QA & QC Manager