

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-20 14:55:54

Date of Next Testing: 2028-11-19 14:55:54

Product Name: **8-Hydroxyquinoline**

CAS Number: 148-24-3

Specifications & Purity: ACS, ≥99%

Lot #: K2419229

SKU #: **H119327**

Version: **1**

Analysis #: **097245**

Storage Temperature: Protected from light, Room temperature, Argon charged

| Parameter                               | Limit Values                                       | Result                                             |
|-----------------------------------------|----------------------------------------------------|----------------------------------------------------|
| Purity(Titration by HClO <sub>4</sub> ) | 98.5-101.5 (%)                                     | 99.91000 %                                         |
| Insoluble matter                        | 0-0.05 (%)                                         | 0.00000 %                                          |
| Ignition Residue                        | 0-0.05 (%)                                         | 0.00000 %                                          |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> ) | 0-0.02 (%)                                         | 0.01000 %                                          |
| Melting point                           | 72.5-74 (°C)                                       | 73.99000 °C                                        |
| Appearance (H119327)                    | White to Yellow to Brown Powder, Crystals or Solid | White to Yellow to Brown Powder, Crystals or Solid |
| Infrared spectrum                       | Conforms to Structure                              | Conforms to Structure                              |
| Suitability test(laser dye)             | passes                                             | passes                                             |



John Su  
QA & QC Manager