

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-15 15:02:49
Date of Next Testing: 2026-12-14 15:02:49
Product Name: **8-Hydroxyquinoline**
CAS Number: 148-24-3
Specifications & Purity: ACS,99%
Lot #: L2212354
SKU #: **H119327**
Analysis: 141850
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|---|---|---|
| Purity(Titration by HClO ₄) | 98.5-101.5 (%) | 99.28 % |
| Ignition Residue | 0-0.05 (%) | 0.00 % |
| Sulfate(SO ₄ ²⁻) | 0-0.02 (%) | 0.01 % |
| Insoluble matter | 0-0.05 (%) | 0.00 % |
| Melting point | 72.5-74 (°C) | 73.97000 °C |
| Appearance (H119327) | White to Cream to Yellow to Brown Powder, Crystals or Solid | White to Cream to Yellow to Brown Powder, Crystals or Solid |
| NMR Spectrum 1H | Conforms to Structure | Conforms to Structure |
| Suitability test(laser dye) | passes | passes |



John Su
QA & QC Manager