

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2021-12-27 13:08:53
Date of Next Testing: 2023-12-17 13:08:53
Product Name: **Quinoline**
CAS Number: 91-22-5
Specifications & Purity: AR, ≥96%
Lot #: L2123274
SKU #: **Q110656**
Version: **1**
Analysis #: **062584**
Storage Temperature: Protected from light, Room temperature, Desiccated

| Parameter | Limit Values | Result |
|-------------------------------------|----------------------------------|----------------------------------|
| Density (20°C) | 1.092-1.096 (g/ml) | 1.09500 g/ml |
| Ignition Residue (as sulfate) | 0-0.005 (%) | 0.00200 % |
| Refractive index n ₂₀ /D | 1.624-1.626 | 1.62600 |
| Assay | 96-100 (%) | 98.58400 % |
| Appearance (Q110656) | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Aniline | pass | Pass |
| Boiling range, 236.0 - 237.0 °C | Conforms | Conforms |



John Su
QA & QC Manager