

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-03-09 16:40:35

Date of Next Testing: 2026-03-08 16:40:35

Product Name: **Quinaldine Red**

CAS Number: 117-92-0

Specifications & Purity: AR

Lot #: C2203298

SKU #: **Q106457**

Version: **0**

Analysis #: **081797**

Storage Temperature: Room temperature

| Parameter                                                                 | Limit Values                      | Result                            |
|---------------------------------------------------------------------------|-----------------------------------|-----------------------------------|
| Purity(Potassium iodate Method)                                           | 95-100 (%)                        | 98.50000 %                        |
| Absorbance(5mg/L,525nm)                                                   | ≥0.52                             | 0.63000                           |
| Appearance (Q106457)                                                      | green to black powder or crystals | green to black powder or crystals |
| Infrared spectrum                                                         | Conforms to Structure             | Conforms to Structure             |
| PH Transition interval,(colorless to very pale red)1.4 to 3.2(yellow-red) | Conforms                          | Conforms                          |
| Solubility in EtOH(95vol%)                                                | almost transparency               | almost transparency               |



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QA & QC Manager