

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-01 19:10:09  
 Date of Next Testing: 2029-11-30 19:10:09  
 Product Name: **Quinhydrone**  
 CAS Number: 106-34-3  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: K2528343  
 SKU #: **Q104677**  
 Version: **0**  
 Analysis #: **608268**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                                | Limit Values                                       | Result                                             |
|------------------------------------------|----------------------------------------------------|----------------------------------------------------|
| Carbon by Elemental Analysis             | 63.7-68.4 (%)                                      | 65.77600 %                                         |
| Purity(HPLC)                             | 97-100 (%)                                         | 98.23500 %                                         |
| Melting point                            | 169-173 (°C)                                       | 172.58000 °C                                       |
| Hydroquinone                             | 48-52 (%)                                          | 49.12000 %                                         |
| p-Benzoquinone                           | 48-52 (%)                                          | 49.52200 %                                         |
| Appearance (Q104677)                     | Green to Olive Green Metallic to Dark Green Powder | Green to Olive Green Metallic to Dark Green Powder |
| Solubility in EtOH , almost transparency | almost transparency                                | almost transparency                                |
| Infrared spectrum                        | Conforms to Structure                              | Conforms to Structure                              |



John Su  
QA & QC Manager