

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-11 11:42:27
 Date of Next Testing: 2028-03-10 11:42:27
 Product Name: **Quinhydrone**
 CAS Number: 106-34-3
 Specifications & Purity: $\geq 97\%$
 Lot #: C2406026
 SKU #: **Q104677**
 Version: **0**
 Analysis #: **091579**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
p-Benzoquinone	48-52 (%)	48.01000 %
Hydroquinone	48-52 (%)	48.02000 %
Carbon by Elemental Analysis	63.7-68.4 (%)	65.75000 %
Purity(HPLC)	97-100 (%)	98.36800 %
Melting point	169-173 (°C)	172.99000 °C
Appearance (Q104677)	Green to Olive Green Metallic to Dark Green Powder	Green to Olive Green Metallic to Dark Green Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , almost transparency	almost transparency	almost transparency



John Su
QA & QC Manager