

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-07 16:08:13
 Date of Next Testing: 2028-05-06 16:08:13
 Product Name: **Quinhydrone**
 CAS Number: 106-34-3
 Specifications & Purity: $\geq 97\%$
 Lot #: D2418257
 SKU #: **Q104677**
 Version: **0**
 Analysis #: **329568**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	98.18300 %
p-Benzoquinone	48-52 (%)	48.14000 %
Hydroquinone	48-52 (%)	49.30000 %
Carbon by Elemental Analysis	63.7-68.4 (%)	65.62500 %
Melting point	169-173 (°C)	169.80000 °C
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , almost transparency	almost transparency	almost transparency
Appearance (Q104677)	Green to Olive Green Metallic to Dark Green Powder	Green to Olive Green Metallic to Dark Green Powder



John Su
QA & QC Manager