

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-07 14:24:27

Date of Next Testing: 2028-12-06 14:24:27

Product Name: **Quinhydrone**

CAS Number: 106-34-3

Specifications & Purity: $\geq 97\%$

Lot #: K2429727

SKU #: **Q104677**

Version: **0**

Analysis #: **430101**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	63.7-68.4 (%)	65.69500 %
p-Benzoquinone	48-52 (%)	48.20000 %
Hydroquinone	48-52 (%)	48.50000 %
Melting point	169-173 (°C)	170.20000 °C
Purity(HPLC)	97-100 (%)	97.26600 %
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