



Version	00
Molecular weight	218.21
Molecular Formula	C12 H10 O4
CAS No	106-34-3
Linear Formula	
Flash Point (°C)	

## Certificate of Analysis

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Catalog Number	41877	Quality Test / Release Date	02/13/2024
Lot Number	A0460193	Suggested retest date	02/13/2029
Description	Quinhydrone,98%		
Country of Origin	CHINA		
Declaration of Origin	synthetic		

BSE/TSE	
Chemical	

Result name	Specifications	Test Value
Appearance (Color)	Dark green	Dark green
Appearance (Form)	Crystalline powder	Crystalline powder
Infrared spectrum	Conforms	Conforms
Melting point	168°C to 172°C (Dec)	169°C (Dec)
Titration Iodometric	>=97.5 %	99.1 %
Sulfated ash	=<0.2 %	0.06 %
Sulfate (SO4)	=<200 ppm	105 ppm
Iron (Fe)	=<10 ppm	=<10 ppm
HPLC	48.0 to 52.0 % p-Benzoquinone	49.2 % p-Benzoquinone
HPLC	48.0 to 52.0 % Hydroquinone	49.3 % Hydroquinone

C. Wygaerts, QA Manager

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