



Version	00
Molecular weight	227.01
Quality Test / Release Date	08/24/2018
Molecular Formula	C <sub>8</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>2</sub>
CAS No	84-58-2
Linear Formula	
Flash Point (°C)	

## Certificate of Analysis

This is to certify that units of the above mentioned lot number were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Acros Organics expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Unless otherwise stated, these products are not intended for dialysis, parenteral, or injectable use without further processing. The following are the actual analytical results obtained:

<b>Catalog Number</b>	11330	<b>Quality Test / Release Date</b> 08/24/2018
<b>Lot Number</b>	A0400132	
<b>Description</b>	2,3-Dichloro-5,6-dicyano-1,4-benzoquinone, 98%	
<b>Country of Origin</b>	CHINA	
<b>Declaration of Origin</b>	synthetic	

<b>BSE/TSE comment</b>	
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<b>Chemical Comment</b>	
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Result name	Units	Specifications	Test Value
Appearance (Color)		Yellow to orange	orange
Appearance (Form)		Crystalline powder or crystals	Crystalline powder
Infrared spectrum		Authentic	Authentic
Melting point		210°C to 217°C	215.7°C
Titration Iodometric		≥97.5 %	98.5 %
Loss on drying		≤0.5 % (1 g, 80°C, 2 h, 40 mmHg) (vacuum)	0.23 % (1 g, 80°C, 2 h, 40 mmHg) (vacuum)
Sulfated ash		≤0.2 % (600°C)	0.11 % (600°C)



A handwritten signature in black ink, appearing to read "L. Van den Broek".

L. Van den Broek, QA Manager

Issued: 08-27-2018

Acros Organics  
 ENA23, zone1, nr 1350, Janssen Pharmaceuticaaan 3a, B-2440 Geel, Belgium  
 Tel +32 14/57.52.11 - Fax +32 14/59.34.34 Internet: <http://www.acros.com>  
 1 Regent Lane, Fair Lawn, NJ 07410, USA Fax 201-796-1329