



Version	00
Molecular weight	127.01
Quality Test / Release Date	07/09/2018
Molecular Formula	C ₄ H ₈ Cl ₂
CAS No	110-56-5
Linear Formula	Cl(CH ₂) ₄ Cl
Flash Point (°C)	40

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:

Catalog Number	21643	Quality Test / Release Date 07/09/2018
Lot Number	A0398440	
Description	1,4-Dichlorobutane, 99%	
Country of Origin	CHINA	
Declaration of Origin	synthetic	

BSE/TSE comment	
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Chemical Comment	
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Result name	Units	Specifications	Test Value
Appearance (Form)		Clear liquid	Clear liquid
Infrared spectrum		Authentic	Authentic
GC		≥98.5 %	99.8 %
Water		≤0.05 %	0.02 %
Refractive index		1.4530 to 1.4550 (20°C, 589 nm)	1.4545 (20°C, 589 nm)



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

L. Van den Broek, QA Manager

Issued: 07-10-2018

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