



Version 00  
 Molecular weight .00  
 Quality Test / Release Date 01/18/2018  
 Molecular Formula  
 CAS No 9003-69-4  
 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>	20223	<b>Quality Test / Release Date</b> 01/18/2018
<b>Lot Number</b>	A0392990	
<b>Description</b>	Amberlite® XAD-4	
<b>Country of Origin</b>	FRANCE	
<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)		White to yellow	Light yellow
Appearance (Form)		Beads	Beads
Ponceau dye test		=<1.0	0.24
Moisture holding capacity		54.0 to 60.0 %	58.0 %
Sodium chloride (NaCl)		20.0 to 32.0 g/l	27.2 g/l
Uniformity coefficient		=<2.0	1.53
Harmonic mean size		0.490 to 0.690 mm	0.655 mm
Particle size		=<5.0 % (< 0.300 mm)	1.2 % (< 0.300 mm)
Particle size		=<5.0 % (> 1.180 mm)	(> 1.180 mm) 0.0 %



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

L. Van den Broek, QA Manager

Issued: 01-19-2018

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