



Version	00
Molecular weight	844.76
Quality Test / Release Date	09/20/2018
Molecular Formula	C37 H40 N2 Na4 O13 S
CAS No	1945-77-3
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>	10637	<b>Quality Test / Release Date</b> 09/20/2018
<b>Lot Number</b>	A0400519	
<b>Description</b>	Methylthymol blue, tetrasodium salt, pure, water soluble	
<b>Country of Origin</b>	INDIA	
<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)		Dark green to red-brown to black	black
Appearance (Form)		Powder	Powder
Infrared spectrum		Conforms	Conforms
Loss on drying		=<10 % (110°C, 1 h)	7 % (110°C, 1 h)
UV Lambda max		435 to 443 nm (in water)	436.3 nm (in water)
Specific absorbance A (1% /1cm)		>=120 (at lambda max, in water)	187.3 (at lambda max, in water)



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

L. Van den Broek, QA Manager

Issued: 09-21-2018

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