



Version	00
Molecular weight	260.32
Quality Test / Release Date	10/24/2018
Molecular Formula	C10 H19 Na . H2 S O4
CAS No	142-87-0
Linear Formula	CH3(CH2)9OSO3Na
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:

Catalog Number	40622	Quality Test / Release Date 10/24/2018
Lot Number	A0401944	
Description	Decyl sodium sulfate, HPLC grade	
Country of Origin	UNITED KINGDOM	
Declaration of Origin	synthetic	

BSE/TSE comment	
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Chemical Comment	
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Result name	Units	Specifications	Test Value
Appearance (Color)		White to light yellow	White
Appearance (Form)		Powder	Powder
Infrared spectrum		Conforms	Conforms
Titration after Ion exchange		>=98.5 % (On dry substance)	99.9 % (On dry substance)
Water		=<1.5 % (K.F.)	0.9 % (K.F.)
UV		(0.005 M in water) 1 cm cell	(0.005 M in water) 1 cm cell
UV		at 200 nm A: =<0.1	at 200 nm A: 0.076
UV		at 220 nm A: =<0.05	at 220 nm A: 0.037
UV		at 254 nm A: =<0.01	at 254 nm A: 0.006
UV		at 280 nm A: =<0.01	at 280 nm A: 0.005
Solubility		(25 % in water at 25°C) Clear colorless to	(25 % in water at 25°C) Clear colorless solution
Solubility		light yellow	



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

L. Van den Broek, QA Manager

Issued: 10-25-2018

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