



Version	00
Molecular weight	260.32
Molecular Formula	C ₁₀ H ₁₉ Na . H ₂ S O ₄
CAS No	142-87-0
Linear Formula	CH ₃ (CH ₂) ₉ OSO ₃ Na
Flash Point (°C)	

Certificate of Analysis

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Catalog Number	40622	Quality Test / Release Date	10/01/2024
Lot Number	A0466320	Suggested retest date	10/01/2029
Description	Decyl sodium sulfate,HPLC grade		
Country of Origin	CHINA		
Declaration of Origin	synthetic		

BSE/TSE	
Chemical	

Result name	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)	99.3 % (On dry substance)
Water	=<1.5 % (K.F.)	1.13 % (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:0.024
UV	at 220 nm A: =<0.05	at 220 nm A:0.017
UV	at 254 nm A: =<0.01	at 254 nm A:0.008
UV	at 280 nm A: =<0.01	at 280 nm A:0.003
Solubility	(25 % in water at 25°C) Clear colorless to	(25 % in water at 25°C) Clear colorless to
Solubility	light yellow	light yellow

C. Wygaerts, QA Manager

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