



Version	00
Molecular weight	216.28
Molecular Formula	C ₈ H ₁₇ NaO ₃ S
CAS No	5324-84-5
Linear Formula	CH ₃ (CH ₂) ₇ SO 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	38477	Quality Test / Release Date	08/28/2023
Lot Number	A0455930	Suggested retest date	08/28/2028
Description	1-Octanesulfonic acid, sodium salt,HPLC grade		
Country of Origin	INDIA		
Declaration of Origin	synthetic		

BSE/TSE	
Chemical	

Result name	Specifications	Test Value
Appearance (Color)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Infrared spectrum	Conforms	Conforms
Titration after Ion exchange	>=98.0 %	99.4 %
Water	=<2 %	0.27 %
UV	at 200 nm A: =<0.3	at 200 nm A:0.0528
UV	at 210 nm A: =<0.2	at 210 nm A:0.017
UV	at 220 nm A: =<0.1	at 220 nm A:0.0063
UV	at 230 nm A: =<0.075	at 230 nm A:0.0035
UV	at 240 nm A: =<0.05	at 240 nm A:0.0021
UV	at 250 nm A: =<0.05	at 250 nm A:0.0015
UV	at 260 nm A: =<0.04	at 260 nm A:0.0012
UV	(0.25 M in water)	(0.25 M in water)

C. Wygaerts, QA Manager

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