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## Certificate of Analysis

Product Name:

1-Octanesulfonic acid sodium salt - ~98%

**Product Number:** O8380  
**Batch Number:** MKCG9913  
**Brand:** SIAL  
**CAS Number:** 5324-84-5  
**MDL Number:** MFCD00007544  
**Formula:** C<sub>8</sub>H<sub>17</sub>NaO<sub>3</sub>S  
**Formula Weight:** 216.27 g/mol  
**Quality Release Date:** 16 OCT 2018  
**Recommended Retest Date:** SEP 2021



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Infrared Spectrum	Conforms to Structure	Conforms
Solubility (Turbidity)	Clear	Clear
c = 100 mg/ml; H <sub>2</sub> O		
Solubility (Color)	Colorless	Colorless
Water (by Karl Fischer)	≤ 2.0 %	0.2 %
Carbon (anhydrous)	43.5 - 45.3 %	43.9 %
Sodium (Na)	10.1 - 11.1 % (w/v)	10.6 % (w/v)
Anhydrous		
Recommended Retest Period	-----	-----
3 Years		

Michael Grady, Manager  
Quality Control  
Milwaukee, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.