

Certificate of Analysis

Product Name:

1-Octanesulfonic acid sodium salt - ≥98%

Product Number: O8380
Batch Number: SHBQ0126
Brand: SIAL
CAS Number: 5324-84-5
MDL Number: MFCD00007544
Formula: C₈H₁₇NaO₃S
Formula Weight: 216.27 g/mol
Quality Release Date: 17 OCT 2022
Recommended Retest Date: OCT 2025



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 ₂ O		
Solubility (Color)	Colorless	Colorless
Water (by Karl Fischer)	≤ 2.0 %	0.5 %
Carbon (anhydrous)	43.3 - 45.5 %	44.4 %
Sodium (Na)	10.1 - 11.1 % (w/v)	10.6 % (w/v)
Anhydrous		
Recommended Retest Period	-----	-----
3 Years		

Larry Coers, Director
Quality Control
Sheboygan Falls, 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.

