

Certificate of Analysis

Product Name:

1-Octanesulfonic acid sodium salt - ≥98%

Product Number: O8380
Batch Number: SHBR6765
Brand: SIAL
CAS Number: 5324-84-5
MDL Number: MFCD00007544
Formula: C₈H₁₇NaO₃S
Formula Weight: 216.27 g/mol
Quality Release Date: 30 APR 2024
Recommended Retest Date: APR 2027



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Infrared Spectrum	Conforms to Structure	Conforms
Solubility (Turbidity) c = 100 mg/ml; H ₂ O	Clear	Clear
Solubility (Color)	Colorless	Colorless
Water (by Karl Fischer)	≤ 2.0 %	0.4 %
Carbon (anhydrous)	43.3 - 45.5 %	44.2 %
Sodium (Na) Anhydrous	10.1 - 11.1 %(w/v)	10.5 %(w/v)
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.

