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Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)

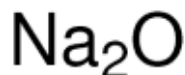
Email USA: [techserv@sial.com](mailto:techserv@sial.com)

Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

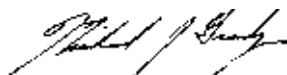
## Certificate of Analysis

Product Name:  
Sodium oxide - 80%

Product Number: 645613  
 Batch Number: MKCF4836  
 Brand: ALDRICH  
 CAS Number: 1313-59-3  
 MDL Number: MFCD00046201  
 Formula: Na<sub>2</sub>O  
 Formula Weight: 61.98 g/mol  
 Quality Release Date: 06 DEC 2017



Test	Specification	Result
Appearance (Color) White to Grey	Conforms to Requirements	Off-White
Appearance (Form) Beads or Granules	Conforms to Requirements	Beads
Titration by HCL	78.0 - 122.0 %	98.2 %
Titration by KMNO <sub>4</sub> % Na <sub>2</sub> O <sub>2</sub>	≤ 22.0 %	15.8 %
X-Ray Diffraction	Conforms to Structure	Conforms



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.