

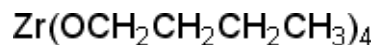
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## Product Specification

Product Name:  
Zirconium(IV) butoxide solution - 80 wt. % in 1-butanol

Product Number: **333948**



MDL: MFCD00048765  
Formula: C<sub>16</sub>H<sub>36</sub>O<sub>4</sub>Zr  
Formula Weight: 383.68 g/mol

TEST	Specification
Appearance (Clarity)	Clear to Slightly Hazy
Appearance (Color)	Colorless to Yellow
Appearance (Form)	Viscous Liquid
Infrared spectrum	Conforms to Structure
Zirconium Dioxide % ZrO <sub>2</sub>	27.0 - 29.0 %
Density at 20 ° C	1.06 - 1.08 g/ml
Gardner Color	≤ 3
Iron (Fe)	≤ 50 ppm
Hydrolyzable Chloride	≤ 1000 ppm

Specification: PRD.1.ZQ5.10000015114

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](http://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.