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Product Specification

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

Product Number: 333948

Formula: C₁₆H₃₆O₄Zr
Formula Weight: 383,68 g/mol

TEST	Specification
Appearance (Color)	Colorless to Yellow
Appearance (Form)	Viscous Liquid
Appearance (Turbidity)	Clear to Slightly Hazy
Density (D ₂₀ /4)	1.06 - 1.08
Infrared Spectrum	Conforms to Structure
Miscellaneous Assay ZrO ₂	27.0 - 29.0 %
Miscellaneous Assay Hydrolyzable Chloride	≤ 1000 ppm
Miscellaneous Assay Gardner Color	≤ 3
Iron (Fe)	≤ 50 ppm

Specification: PRE.0.ZQ5.10000025698

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.

