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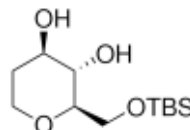
Email USA: techserv@sial.com

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Certificate of Analysis

Product Name:
TBS-DHG Catalyst - ≥95%

Product Number: 901235
Batch Number: MKCF4694
Brand: ALDRICH
CAS Number: 212120-61-1
Formula: C₁₂H₂₆O₄Si
Formula Weight: 262.42 g/mol
Storage Temperature: Store at -20 °C
Quality Release Date: 17 JAN 2018



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder or Crystals or Solid or Chunks	Crystals
1H NMR Spectrum	Conforms to Structure	Conforms
Carbon Content	52.2 - 57.7 %	54.8 %
Specific Rotation 0.1%, CHCl ₃	-25.0 - -15.0 °	-22.9 °
Purity (GC)	≥ 95.0 %	99.7 %

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.