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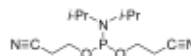
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

Bis(2-cyanoethyl)-N,N-diisopropylphosphoramidite - 95%

Product Number: 766305
Batch Number: SHBG7347V
Brand: ALDRICH
CAS Number: 102690-88-0
Formula: C₁₂H₂₂N₃O₂P
Formula Weight: 271.30 g/mol
Storage Temperature: Store at -20 °C
Quality Release Date: 29 DEC 2015
Recommended Retest Date: SEP 2016



Test	Specification	Result
Appearance (Color)	Colorless to Yellow	Almost Colorless
Appearance (Form)	Liquid	Liquid
Infrared Spectrum	Conforms to Structure	Conforms
Proton NMR Spectrum	Conforms to Structure	Conforms
Phosphorus NMR Spectrum	Conforms to Structure	Conforms
Proton NMR	≥ 94.0 %	96.4 %
Recommended Retest Period	-----	-----
9 Months		

Michael Grady, Manager
 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.