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Certificate of Analysis

Product Name:

2,4-Bis[4-(N,N-diisobutylamino)-2,6-dihydroxyphenyl] squaraine - 97%

Product Number: 758337
Lot Number: MKBK1990
Brand: ALDRICH
Formula: C32H44N2O6
Formula Weight: 552.70 g/mol
Quality Release Date: 23 MAR 2012

Test	Specification	Result
Appearance (Color)	Faint Green to Very Dark Green and Faint Beige to Very Dark Beige and Faint Grey to Very Dark Grey	Very Dark Beige
Appearance (Form)	Powder or Crystals	Powder
Infrared spectrum	Conforms to Structure	Conforms
Proton NMR Spectrum	Conforms to Structure	Conforms
Carbon	67.1 - 72.0 %	69.6 %
Nitrogen	4.8 - 5.3 %	5.0 %
Wavelength	650 - 656 nm	653 nm
c = 0.001 g/L CHCl ₃		
Extinction Coefficient		350649
Specification: Report Result		



Jamie Gleason, Manager
Quality Control
Milwaukee, Wisconsin 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.