

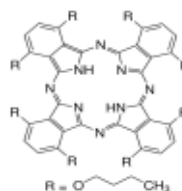
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
1,4,8,11,15,18,22,25-Octabutoxy-29H,31H-phthalocyanine - Dye content 95 %

Product Number: 383805
CAS Number: 116453-73-7
MDL: MFCD00134589
Formula: C₆₄H₈₂N₈O₈
Formula Weight: 1,091.38 g/mol



TEST	Specification
Appearance (Color)	Green to Very Dark Green
Appearance (Form)	Conforms to Requirements
Powder, Crystals or Crystalline Powder	
Infrared spectrum	Conforms to Structure
Wave Length	757 - 763 nm
Extinction Coefficient	≥ 115000
Wave Length	736 - 742 nm
Extinction Coefficient	≥ 100000
in Toluene	
Carbon	66.2 - 74.6 %
Nitrogen	9.6 - 10.9 %

Specification: PRD.0.ZQ5.10000057325

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.