

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

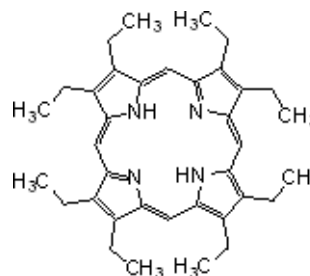
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
2,3,7,8,12,13,17,18-Octaethyl-21H,23H-porphine - 97%

Product Number: 252409
CAS Number: 2683-82-1
MDL: MFCD00009627
Formula: C₃₆H₄₆N₄
Formula Weight: 534.78 g/mol



TEST

Specification

Appearance (Color)	Purple to Very Dark Purple
Appearance (Form)	Powder
Infrared spectrum	Conforms to Structure
Carbon	78.0 - 83.7 %
Nitrogen	10.1 - 10.8 %
Purity (HPLC)	≥ 96.5 %
Solubility (Turbidity)	Clear
c = 0.1 mg/ml; Chloroform	
Solubility (Color)	Dark Red to Very Dark Red
Wavelength	398 - 404 nm
c = 0.004 g/l; Toluene	
Extinction Coefficient	≥ 155000
Wavelength	496 - 502 nm
Extinction Coefficient	≥ 12000
Wavelength	528 - 534 nm
Extinction Coefficient	≥ 9000
Wavelength	566 - 572 nm
Extinction Coefficient	≥ 6000
Wavelength	620 - 626 nm
Extinction Coefficient	≥ 6000

Specification: PRD.0.ZQ5.10000019887

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.