

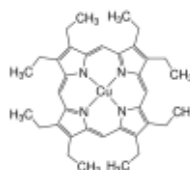
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaldrich.com](http://www.sigmaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:  
2,3,7,8,12,13,17,18-Octaethyl-21H,23H-porphine copper(II) - Dye content ~95 %

**Product Number:** 257540  
**CAS Number:** 14409-63-3  
**MDL:** MFCD00012150  
**Formula:** C<sub>36</sub>H<sub>44</sub>CuN<sub>4</sub>  
**Formula Weight:** 596.31 g/mol



TEST	Specification
Appearance (Color)	Red to Purple
Appearance (Form)	Powder
Infrared spectrum	Conforms to Structure
Wavelength	395 - 403 nm
Extinction Coefficient	≥ 240000
C = 0.002g/l, CHCl <sub>3</sub>	
Carbon	68.1 - 76.9 %
Nitrogen	8.8 - 10.0 %
Dye Content Calculated	
Approximately 95%	
Purity (HPLC)	≥ 94.0 %

Specification: PRD.0.ZQ5.10000100943

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](http://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.