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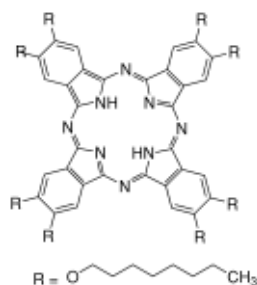
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## Product Specification

Product Name:  
2,3,9,10,16,17,23,24-Octakis(octyloxy)-29H,31H-phthalocyanine

**Product Number:** 462209  
**CAS Number:** 119457-81-7  
**MDL:** MFCD00674069  
**Formula:** C<sub>96</sub>H<sub>146</sub>N<sub>8</sub>O<sub>8</sub>  
**Formula Weight:** 1,540.28 AMU



### TEST

### Specification

Appearance (Color)	Green to Black
Appearance (Form)	Powder or Crystals
Infrared spectrum	Conforms to Structure
Wavelength	698 - 704 nm
Extinction Coefficient	≥ 92000
Wavelength	660 - 666 nm
Extinction Coefficient	≥ 75000
in Toluene	
Carbon	70.3 - 79.3 %
Nitrogen	6.8 - 7.7 %

### Remarks:

Reviewing Chemist :

Specification: PRD.0.ZQ5.10000027645

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.