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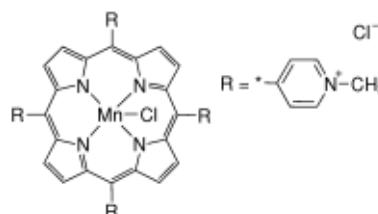
Email USA: techserv@sial.com

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## Product Specification

Product Name:  
Manganese(III) 5,10,15,20-tetra(4-pyridyl)-21H,23H-porphine chloride tetrakis(methochloride) - Dye content  
85 %

Product Number: **453161**  
CAS Number: 125565-45-9  
MDL: MFCD00274660  
Formula: C<sub>44</sub>H<sub>36</sub>Cl<sub>5</sub>MnN<sub>8</sub>  
Formula Weight: 909.01 g/mol



### TEST

### Specification

Appearance (Color)	Black
Appearance (Form)	Powder or Crystal or Chunk(s)
Infrared spectrum	Conforms to Structure
Wavelength	459 - 465 nm
C = 0.01 g/l, H <sub>2</sub> O	
Extinction Coefficient	≥ 100000
Carbon	48.1 - 68.0 %
Nitrogen	10.2 - 14.4 %

Specification: PRD.0.ZQ5.10000025625

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.