

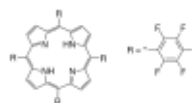
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## Product Specification

Product Name:  
5,10,15,20-Tetrakis(pentafluorophenyl)porphyrin - ≥90.0% (HPLC)

Product Number: **252921**  
CAS Number: 25440-14-6  
MDL: MFCD00010032  
Formula: C<sub>44</sub>H<sub>10</sub>F<sub>20</sub>N<sub>4</sub>  
Formula Weight: 974.55 g/mol



TEST	Specification
Appearance (Color)	Purple to Very Dark Purple
Appearance (Form)	Conforms to Requirements
Powder or Crystalline Powder	
Infrared Spectrum	Conforms to Structure
Wavelength	415 - 421 nm
C= 0.002 g/L In Toluene	
Extinction Coefficient	≥ 225000
Carbon	51.5 - 56.9 %
Typically	
Nitrogen	5.4 - 6.3 %
Typically	
Purity (HPLC)	≥ 90.0 %

Specification: PRD.0.ZQ5.10000061033

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.