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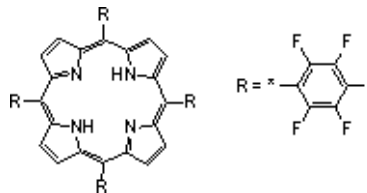
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

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

Product Number: 252921
Batch Number: MKBN5907V
Brand: ALDRICH
CAS Number: 25440-14-6
MDL Number: MFCD00010032
Formula: C₄₄H₁₀F₂₀N₄
Formula Weight: 974.55 g/mol
Quality Release Date: 15 JAN 2013



Test	Specification	Result
Appearance (Color)	Purple	Purple
Appearance (Form)	Conforms to Requirements	Powder
Powder or Crystalline Powder		
Infrared spectrum	Conforms to Structure	Conforms
Wavelength	415 - 421 nm	417 nm
C=0.002 G/L In Toluene		
Extinction Coefficient	≥ 225000	238133
Carbon	51.5 - 56.9 %	53.9 %
Typically		
Nitrogen	5.4 - 6.3 %	6.1 %
Typically		
Purity (HPLC)	90.0	92.2 %

Jamie Gleason, Manager
 Quality Control
 Milwaukee, Wisconsin US

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.