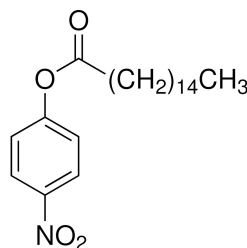


Certificate of Analysis

Product Name : 4-Nitrophenyl palmitate lipase substrate
Product Number : N2752-5G
Batch Number : 0000463526
Source Batch : 0000428114
CAS Number : 1492-30-4
MDL Number : MFCD00047732
Storage Temperature : -20°C
Molecular Formula : C₂₂H₃₅NO₄
Formula Weight : 377.52 g/mol
Quality Release Date : 30 May 2025



Test	Specification	Result
Appearance (Color)	White to Off White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless to Faint Yellow	Almost Colorless
Solubility (Turbidity)	Clear	Clear
100 mg/ml, CHCl ₃		
Infrared Spectrum	Conforms to Structure	Conforms
Carbon	67.9 - 72.1 %	70.1 %
Nitrogen	3.55 - 3.83 %	3.77 %
Purity (TLC)	≥ 98 %	100 %

Jagodige Yasomanee, Supervisor
 Quality Assurance
 St. Louis, Dekalb
 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. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

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