

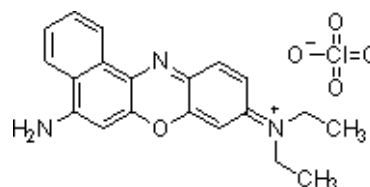
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Product Specification

Product Name:
Nile Blue A perchlorate - Dye content 95 %

Product Number: 370088
CAS Number: 53340-16-2
MDL: MFCD00041991
Formula: C₂₀H₂₀ClN₃O₅
Formula Weight: 417.84 g/mol



TEST

Specification

Appearance (Color)	Blue, Brown, or Black
Appearance (Form)	Powder
Infrared spectrum	Conforms to Structure
Wavelength	625 - 631 nm
Extinction Coefficient in Ethanol	≥ 50000
Carbon	54.0 - 60.9 %
Nitrogen	9.4 - 10.7 %
Purity (HPLC)	≥ 93.0 %

Specification: PRD.0.ZQ5.10000026048

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.