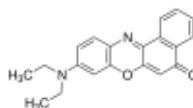


Certificate of Analysis

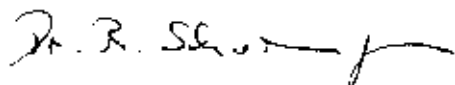
Product Name:

Nile Red - BioReagent, suitable for fluorescence, ≥97.0% (HPLC)

Product Number: 19123
Batch Number: BCCL7482
Brand: SIGMA
CAS Number: 7385-67-3
Formula: C₂₀H₁₈N₂O₂
Formula Weight: 318,37 g/mol
Storage Temperature: Store at 2 - 8 °C
Quality Release Date: 26 APR 2024



Test	Specification	Result
Appearance (Color)	Brown to Very Dark Brown and Red to Very Very Dark Brown Dark Red and Red-Brown and Very Dark Red-Brown and Green to Very Dark Green	
Appearance (Form)	Powder or Crystals	Powder
Purity (HPLC)	≥ 97.0 %	97.1 %
Melting Point	205 - 215 °C	207 °C
¹ H NMR Spectrum	Conforms to Structure	Conforms
Fluorescence (Emmission Max) Exc. 530 nm in Methanol	630 - 640 nm	634 nm



Dr. Reinhold Schwenninger
Quality Assurance
Buchs, Switzerland CH

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.

