

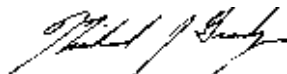
Certificate of Analysis

Product Name:

Nigrosin – certified by the Biological Stain Commission

Product Number: 198285
Batch Number: SHBM1524
Brand: ALDRICH
CAS Number: 8005-03-6
MDL Number: MFCD00044681
Formula Weight: 202.21 g/mol
Quality Release Date: 15 JUL 2020

Test	Specification	Result
Appearance (Color)	Black	Black
Appearance (Form)	Powder or Crystals	Powder
Infrared Spectrum	Conforms to Structure	Conforms
Wavelength	290 - 300 nm	297 nm
Absorbance		0.67
Wavelength	570 - 580 nm	574 nm
Absorbance		0.39
c = 0.02g/l in 50% Ethanol		
Biological Stain Commission	Pass	Pass
Carbon		49.8 %
40% - 50% Typically		
Nitrogen		7.4 %
7% - 9% Typically		
TLC	Conforms	Conforms
Consistent With Control		
Solubility (Turbidity)	Clear	Clear
c = 0.1% in H ₂ O		
Solubility (Color)	Dark Purple	Dark Purple



Michael Grady, Manager
Quality Control
Milwaukee, WI 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.

