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## Product Specification

Product Name:  
Nigrosin – certified by the Biological Stain Commission

**Product Number:** 198285  
**CAS Number:** 8005-03-6  
**MDL:** MFCD00044681

**Formula Weight:** 202.21 g/mol

TEST	Specification
Appearance (Color)	Black
Appearance (Form)	Powder or Crystals
Infrared spectrum	Conforms to Structure
Wavelength	290 - 300 nm
Absorbance	
Wavelength	570 - 580 nm
Absorbance	
c = 0.02g/l in 50% Ethanol	
Biological Stain Commission	Pass
Carbon	
40% - 50% Typically	
Nitrogen	
7% - 9% Typically	
TLC	Conforms
Consistent With Control	
Solubility (Turbidity)	Clear
c = 0.1% in H <sub>2</sub> O	
Solubility (Color)	Dark Purple

Specification: PRD.0.ZQ5.10000027106

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](http://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.