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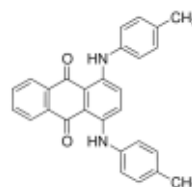
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## Product Specification

Product Name:  
Solvent Green 3 - Dye content 95 %

**Product Number:** 211982  
**CAS Number:** 128-80-3  
**MDL:** MFCD00001195  
**Formula:** C<sub>28</sub>H<sub>22</sub>N<sub>2</sub>O<sub>2</sub>  
**Formula Weight:** 418.49 g/mol



TEST	Specification
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Appearance (Form)	Powder
Infrared spectrum	Conforms to Structure
C= 0.01 G/L Acetone	624 - 644 nm
Extinction Coefficient	≥ 15000
Wavelength	591 - 611 nm
Extinction Coefficient	≥ 14000
Wavelength	394 - 414 nm
Extinction Coefficient	≥ 6000
In Acetone	
Carbon	76.3 - 84.4 %
Nitrogen	6.3 - 7.0 %
TLC	Consistent with Past Lots
Solubility (Turbidity)	Turbid
Solubility (Color)	Dark Blue to Very Dark Blue and Dark Blue-Green to Very Dark Blue-Green
c = 1%, Pyridine	

Specification: PRD.1.ZQ5.10000030607

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.