

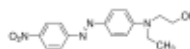
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## Product Specification

Product Name:  
Disperse Red 1 - Dye content 95 %

**Product Number:** 344206  
**CAS Number:** 2872-52-8  
**MDL:** MFCD00007312  
**Formula:** C<sub>16</sub>H<sub>18</sub>N<sub>4</sub>O<sub>3</sub>  
**Formula Weight:** 314.34 g/mol



TEST	Specification
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Appearance (Color)	Red to Very Dark Red and Brown-Red to Very Dark Brown-Red and Red-Grey
Appearance (Form)	Powder
Infrared Spectrum	Conforms to Structure
Wavelength	500 - 504 nm
0.007 g/L, 50% Ethanol	
Extinction Coefficient	≥ 33000
Carbon	57.5 - 64.8 %
Nitrogen	16.7 - 18.9 %

Specification: PRD.0.ZQ5.10000059511

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.