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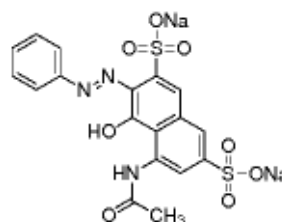
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## Product Specification

Product Name:  
Acid Red 1 - Dye content 60 %

**Product Number:** 210633  
**CAS Number:** 3734-67-6  
**MDL:** MFCD00003954  
**Formula:** C<sub>18</sub>H<sub>13</sub>N<sub>3</sub>Na<sub>2</sub>O<sub>8</sub>S<sub>2</sub>  
**Formula Weight:** 509.42 g/mol



### TEST

### Specification

Appearance (Color)	Red to Purple
Appearance (Form)	Powder
Infrared spectrum	Conforms to Structure
Wavelength	529 - 535 nm
Extinction Coefficient	≥ 17000
Wavelength	503 - 509 nm
Extinction Coefficient	≥ 17000
c = 0.02g/l; Water	
Carbon	25.3 - 59.1 %
Nitrogen	4.5 - 12.0 %

Specification: PRD.0.ZQ5.10000034311

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.