

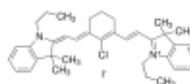
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## Product Specification

Product Name:  
IR-780 iodide - Dye content  $\geq 95\%$

Product Number: **425311**  
CAS Number: 207399-07-3  
MDL: MFCD00191907  
Formula: C<sub>36</sub>H<sub>44</sub>ClIN<sub>2</sub>  
Formula Weight: 667.11 g/mol



### TEST

### Specification

Appearance (Color)

Conforms to Requirements

Gold to Green

Appearance (Form)

Powder or Crystals

Infrared spectrum

Conforms to Structure

Wavelength

777 - 783 nm

c = 0.002 g/L, Methanol

Extinction Coefficient

 $\geq 250000$ 

Purity (HPLC)

 $\geq 95.0\%$ 

Specification: PRD.0.ZQ5.10000094448

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.