

Technical Data Sheet

Product Code: **IR Dye 1313**

Product Description: 986nm NIR Dye

Properties

Appearance: **green free flowing powder**

Melting Point: **110°C – 111°C**

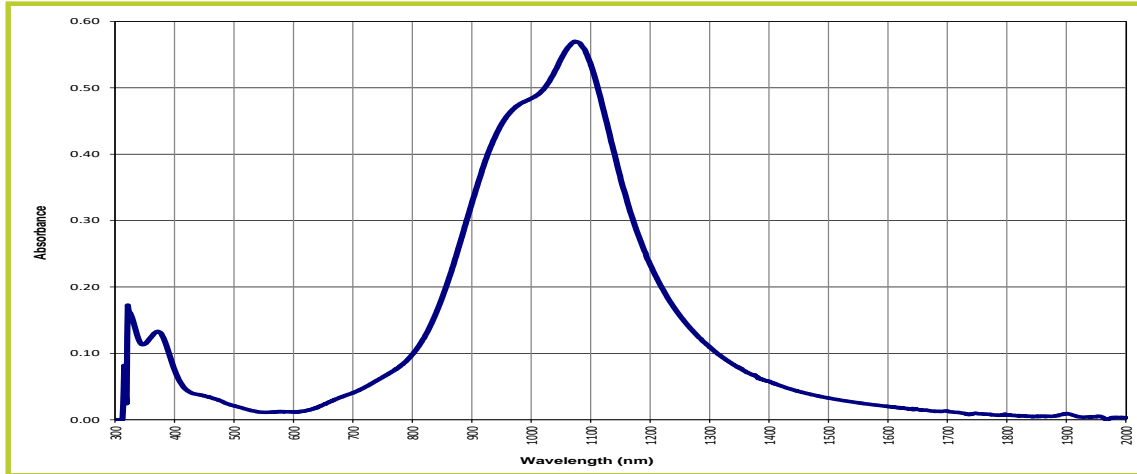
Lambda Max: **986 nm**

Absorptivity: **50 (L g⁻¹ cm⁻¹)**

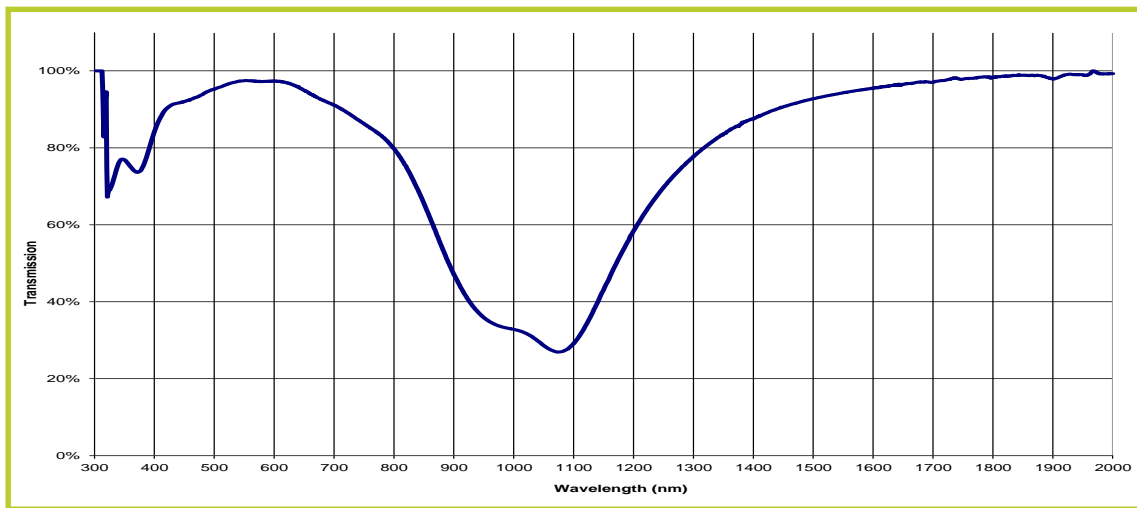
Solubility (grams/100 grams of solvent):

Acetone

Absorption Curve



Transmission Curve



Due to its' excellent balance of properties, **IR Dye 1313** finds use in a broad range of applications where the absorption of Infrared light, and the transmission of Visible light is important:

Excellent coverage at 990nm

Contains no metal



Adam Gates & Company