

Technical Data Sheet

Product Code: **IR Dye 9619**

Product Description: **859nm NIR Dye**

Properties

Appearance: **brow/black free flowing powder**

Melting Point: **320°C – 323°C**

Lambda Max: **859 nm**

Absorptivity: **63 (L g⁻¹ cm⁻¹)**

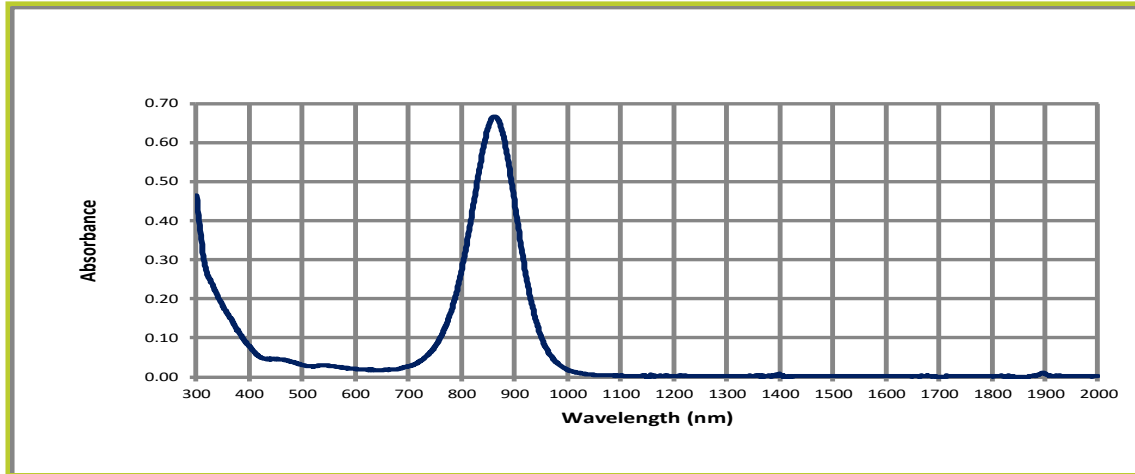
Solubility (grams/100 grams of solvent):

THF 0.65 grams

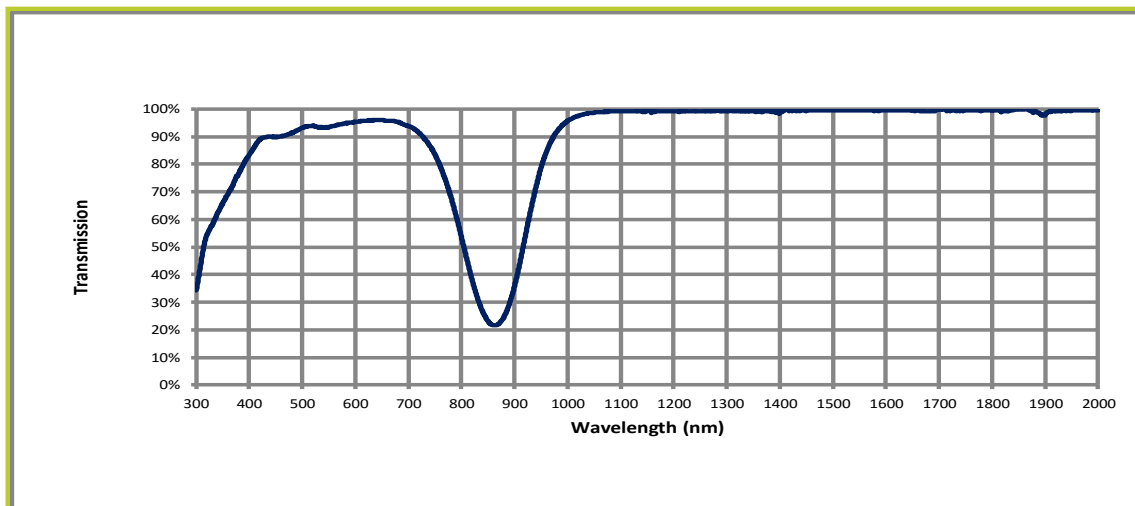
DMF 0.38 grams

Cyclohexanone 0.62 grams

Absorption Curve



Transmission Curve



Due to its' excellent balance of properties, **IR Dye 9619** finds use in a broad range of applications where the absorption of Infrared light, and the transmission of Visible light is important:

Contains Platinum

Excellent Thermal Stability

Excellent Visible Light Transmission

Excellent Light Stability



Adam Gates & Company