

## Technical Data Sheet

Product Code: **NIR1004B**

Product Description: 1004 nm NIR Dye

### Compatible Solvents

(w/w)

Alcohols	Soluble
Ketones	Soluble

### Product Properties

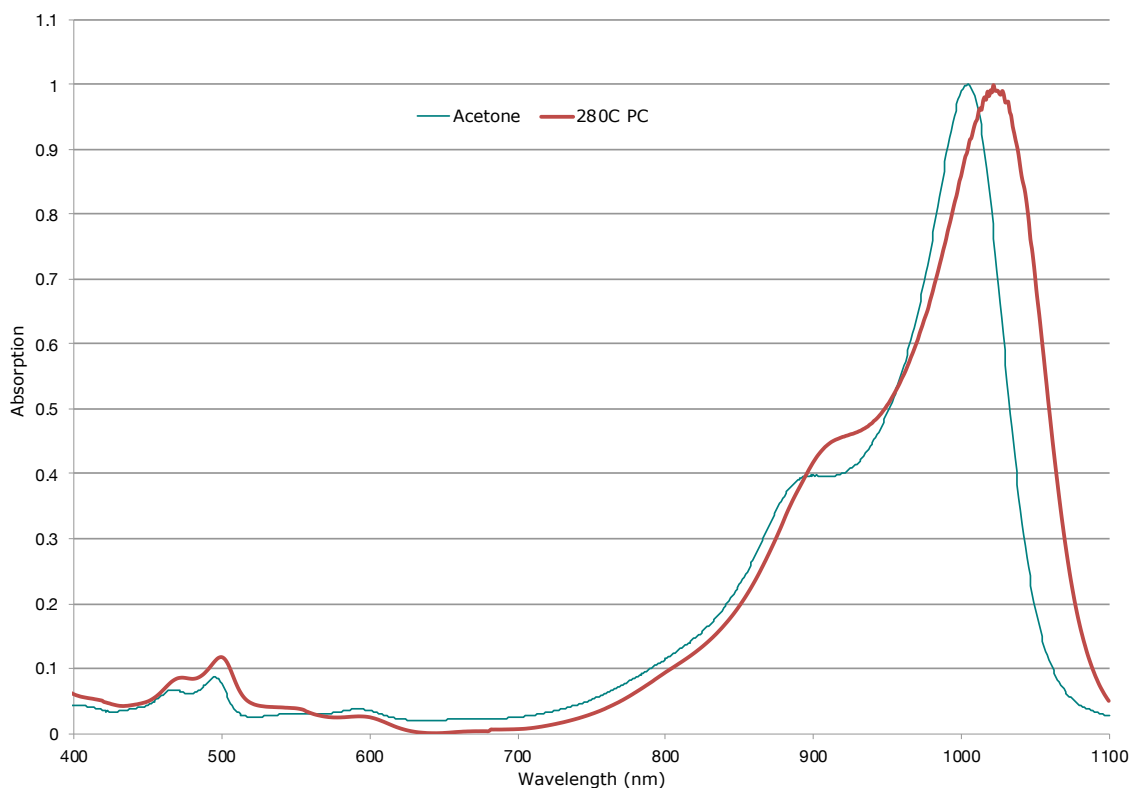
#### Physical Data

Absorbance Maximum (nm): 1004 (Acetone), 1022 (Polycarbonate)

Absorptivity ( $L\ g^{-1}\ cm^{-1}$ ): 237

Melting Point ( $^{\circ}C$ ): 274, 282 Decomposition

Appearance: Black Powder, Brown Solution



**NIR1004B** is one of many Near Infrared (NIR) Dyes for solvent systems available through QCR Solutions Corp. We offer NIR dyes in a wide spectral range between 700nm - 2000nm for various applications. Our large library of absorbers contains narrow notch to broad band absorption curves. These NIR dyes can be used singly or in combination to create custom spectral filters.

Let us help select the right absorbing dye for your specific application.

#### QCR Solutions Corp

Your Trusted Source for Near Infrared (NIR) Dyes, Conjugated Polymers, Thermochromic Inks and Custom Synthesis.

### All Applications using any QCR Solutions Corp products should be thoroughly tested prior to approval for production.

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