

KODAK Infrared Dyes

YOUR VISION. OUR EXPERIENCE. THE PERFECT CHEMISTRY.

For more than a century, Kodak has been giving imagination an outlet by creating new ideas, then finding chemical processes to bring them to life. The ability to produce specialty chemicals that utilize complex processes has made Kodak one of the world's most respected and influential companies. With over 500 distinct molecules in production, more than 1,500 approved manufacturing processes, and experience with more than 100,000 complex chemicals, we empower progress every day. Let Kodak's Specialty Chemicals Group put our experience to work for your needs.

- Kodak's high purity IR dyes powder has absorption between 740 and 1098 nm.
- Suitable for coating applications requiring absorption of IR radiation.
- Excellent visible light transmission.

Product Name	Product Code	MW (g/mol)	λ_{max} (nm)	Absorptivity L/g cm	MeOH	Acetone	MEK	Cyclo hexanone	DiAcetone Alcohol	H2O
IRD85	8246340	755	814	327	●	◐	◐			
IRD04	1171859	799	864	194	●	○	○	●	●	
IRD89	7434087	912	907	226	○	●	○	●	◐	
IRD73	1242262	654	980	311		◐	◐		◐	
IRD86	1891399	1392	1098	70	○		●	●	●	
IRD79	1504737	1097	875	178	○					●
IRD31	1962000	1015	802/982*	180/477*	●					●*

● 100% Solubility

◐ >50% Solubility

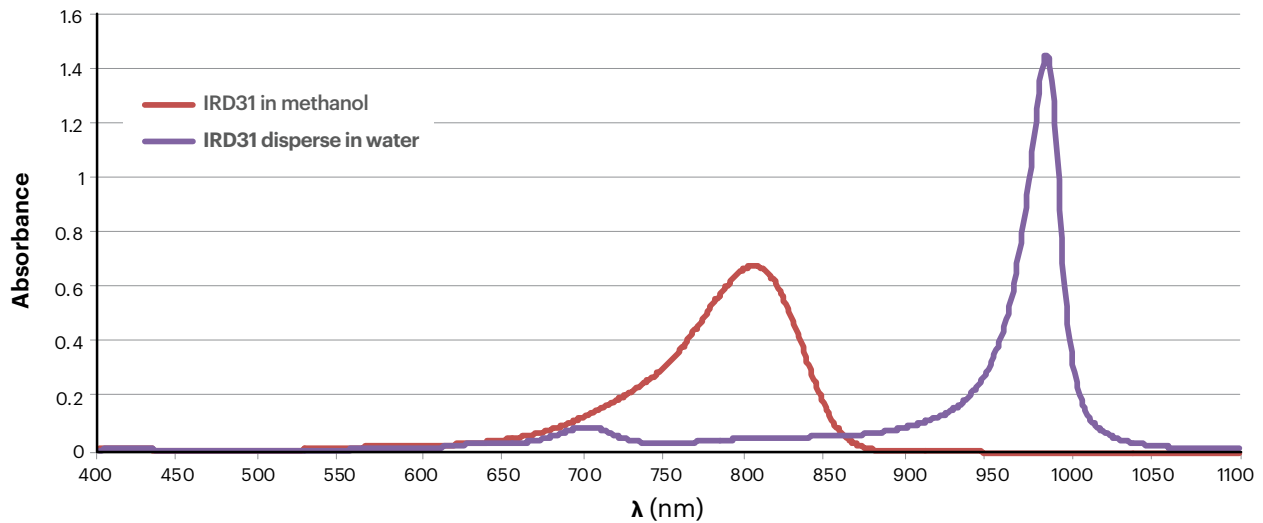
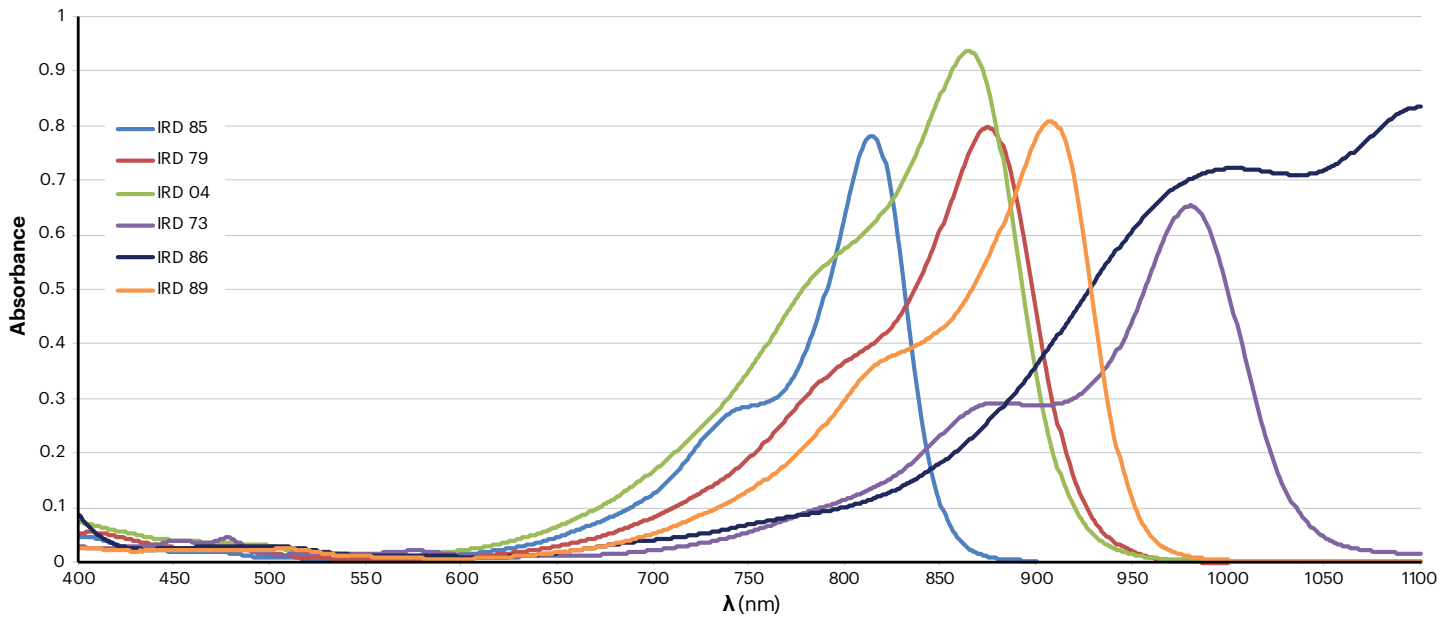
○ <50% Solubility

* Disperse in H2O



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KODAK INFRARED DYE SPECTRA



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