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# Reflectance or Transmission Spectroscopy

National Cancer Institute

## Source

National Cancer Institute. *Reflectance or Transmission Spectroscopy*. NCI Thesaurus. Code C19340.

The spectroscopic analysis of light reflected from a polished sample. The peaks of reflectance/transmittance occur in the same spectral region where the sample absorbs light. In near infrared (IR) reflectance/transmission spectroscopy (NIRS), the reflectance signals result from bending and stretching vibrations in molecular bonds between carbon, nitrogen, hydrogen, and oxygen. (from FRT R Field Sampling and Analysis Technologies Reference Guide (online))