

Location (in cm^{-1}) and intensity of Infrared Absorption peaks

Functional Group	Wavenumber	Peak Intensity
C-H	~3000	strong (alkanes, alkynes), medium (alkenes, aromatic)
N-H	~3400	medium
O-H	~3400	broad
O-H	~2700	broad (organic acids)
C-N	~1250	strong
C-O	~1150	strong
C=C	~1600	varies
C=O	~1700	strong
C≡C	~2200	varies