

IR Spectrum of 1,2-dichloroethane (CH₂ClCH₂Cl). The plot shows %T (Y-axis, 51 to 97) versus cm⁻¹ (X-axis, 4000 to 450). The spectrum displays characteristic absorption bands for the compound, including C-H stretching around 2900 cm⁻¹, C-Cl stretching around 700 cm⁻¹, and various bending vibrations in the fingerprint region.

Wavenumber (cm ⁻¹)	Transmittance (%T)
3071.83	87.85
2826.01	85.40
2554.04	84.88
2668.57	85.53
2086.69	91.33
1915.93	91.96
1791.33	92.19
1496.62	87.77
1323.68	69.32
1265.53	60.24
1228.37	66.46
1179.47	76.12
1100.75	84.99
1072.53	80.02
1000.01	85.50
804.02	75.51
774.69	66.24
704.35	51.91
665.99	56.1

Page 1