

The infrared spectrum displays the transmittance (%T) of poly(2-vinylpyridine) across a range of wavenumbers from 4000 to 450 cm⁻¹. The y-axis represents %T, ranging from 40 to 82, and the x-axis represents wavenumber in cm⁻¹. The spectrum shows several characteristic absorption bands, with key peaks labeled as follows:

Wavenumber (cm⁻¹)	Transmittance (%T)
3656.65	75.25
3077.26	75.85
2979.98	50.35
2887.83	67.25
1899.60	78.67
1611.42	69.38
1589.30	73.06
1519.53	57.65
1472.86	57.06
1420.99	58.07
1395.72	61.77
1346.96	59.40
1264.87	65.26
1224.90	65.89
1188.98	64.86
1165.60	58.63
1101.62	72.27
1090.09	57.06
1011.62	72.27
999.63	65.4
926.54	66.82
898.70	71.70
874.91	65.4
863.91	69.1
840.91	60.45
827.99	41.11
814.54	43.80
781.19	41.11
771.70	71.70
722.74	72.27
691.08	61.24
683.91	69.1
665.82	66.82
654.89	65.4
648.82	64.82
640.1	64.82
619.0	64.82
584.91	65.4
570.66	58.76
565.82	56.54
563.72	56.71
524.0	60.45
490.25	61.24
471.70	71.70
450.25	61.24

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