

The IR spectrum of poly(2-vinylpyridine) displays characteristic absorption bands. The x-axis represents the wavenumber in cm⁻¹, ranging from 3500 to 500. The y-axis represents the percentage of transmittance (%T), ranging from 29 to 98. The spectrum shows a broad absorption band around 3000 cm⁻¹, a sharp peak at 1750.30 cm⁻¹, and a complex series of peaks in the fingerprint region below 1500 cm⁻¹.

Wavenumber (cm ⁻¹)	%T
2980.00	82.34
2868.26	84.00
2829.25	84.00
2700.6	85.89
2586.62	85.89
2541.8	85.89
1750.30	62.07
1679.05	47.68
1604.52	54.98
1555.67	54.61
1511.10	90.85
1482.19	72.98
1418.18	70.35
1370.47	75.49
1330.45	76.86
1302.75	49.96
1248.11	72.06
1217.75	55.24
1183.05	30.52
1164.62	68.09
1101.20	66.40
1093.69	64.58
1080.49	75.25
1030.45	76.86
915.03	42.38
852.77	81.03
839.21	62.05
789.03	69.97
754.22	42.72
703.57	52.27
685.89	61.8
644.36	70.35
634.66	62.05
598.49	64.58
534.89	69.97
515.01	76.86

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