

The infrared spectrum displays the transmittance (%T) of poly(2-vinylpyridine) across a range of wavenumbers from 4000 to 450 cm⁻¹. The baseline is high, around 95-98%T, with significant absorption bands in the fingerprint region (below 1500 cm⁻¹) and a broad peak around 3300 cm⁻¹. Key labeled peaks include:

- 3231.57 cm⁻¹, 90.23%T
- 3018.18 cm⁻¹, 90.08%T
- 2839.66 cm⁻¹, 88.77%T
- 1656.96 cm⁻¹, 78.28%T
- 1608.67 cm⁻¹, 77.86%T
- 1578.94 cm⁻¹, 84.49%T
- 1481.10 cm⁻¹, 75.08%T
- 1464.63 cm⁻¹, 81.92%T
- 1440.66 cm⁻¹, 72.92%T
- 1323.40 cm⁻¹, 85.94%T
- 1302.32 cm⁻¹, 85.97%T
- 1290.95 cm⁻¹, 73.95%T
- 1207.33 cm⁻¹, 71.54%T
- 1066.79 cm⁻¹, 81.52%T
- 1052.20 cm⁻¹, 75.31%T
- 964.04 cm⁻¹, 84.62%T
- 886.14 cm⁻¹, 74.38%T
- 866.80 cm⁻¹, 77.09%T
- 800.00 cm⁻¹, 76.58%T
- 753.74 cm⁻¹, 78.14%T
- 729.80 cm⁻¹, 77.68%T
- 690.39 cm⁻¹, 63.43%T
- 687.31 cm⁻¹, 59.81%T
- 637.31 cm⁻¹, 59.81%T
- 634.43 cm⁻¹, 59.81%T
- 530.85 cm⁻¹, 59.81%T
- 490.08 cm⁻¹, 81.52%T
- 463.07 cm⁻¹, 63.43%T
- 451.90 cm⁻¹, 63.43%T

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