

FTIR spectrum of poly(2-vinylpyridine) showing trans and gauche bands. The plot displays %T (Percent Transmittance) on the y-axis (ranging from 34 to 93) versus cm^{-1} (Wavenumbers) on the x-axis (ranging from 4000 to 650). The spectrum shows characteristic peaks for the polymer, with labels indicating the wavenumber and the corresponding percentage of trans and gauche conformations.

Wavenumber (cm^{-1})	Trans/Gauche (%)
2912.40	1, 77.32
2986.16	1, 75.68
2161.45	1, 86.11
1905.87	1, 78.86
1558.39	1, 78.29
1584.96	1, 70.86
1441.80	1, 68.68
1452.15	1, 68.92
1388.32	1, 67.81
1337.17	1, 51.77
1274.36	1, 57.07
1237.07	1, 45.08
1167.50	1, 44.31
1078.20	1, 50.35
1017.96	1, 52.37
991.89	1, 52.37
964.48	1, 60.79
896.69	1, 69.81
813.85	1, 35.20
738.33	1, 41.16
699.98	1, 61.08
626.47	1, 38.54
2091.26	1, 52.15
1692.27	1, 48.87
1486.88	1, 57.18
1369.85	1, 46.96

Sample Name	Description	Quality Checks
AB2-071 PDT	AB2-071 PDT By aboddy Date Tuesday, January 31 2017	The Quality Checks do not report any warnings for the sample.