Supporting Information

Vibrational energy redistribution and vibrational dynamics of methanol mixed with Rhodamine101 dye

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Figure 1. Raman spectrum of methanol

|  |  |  |
| --- | --- | --- |
| Symmetry (Cs) | Vibrational modes/cm-1 | Assignment  |
| AˊAˊAˊAˊAˊAˊAˊAˊAˊˊAˊˊAˊˊAˊˊ | 36282993**2834**1464  11071033**2940**14641165246 | OH strCH3 d-strCH3 s-strCH3 d-deform (OV)  CH3 rockCO strCH3 strCH3 deform (OV)CH3 rocktorsion |

Table 1. Vibrational assignment of methanol in the liquid phase

OV represents vibrational bands overlapping