

Table 1 FTIR detected changes in frequencies in different functional groups under Cd induction

Chemical functional group	Structural formula	Frequency in cm^{-1} (in the sample)
Alkyl halide	-C-Cl	770-772
Hydroxyl	-OH	3401-3399
Amide	-C=O	1652
Amide	-NH	3401-3399
Alkane (stretched form)	-C-H	2850-3000
Alkane (bending form)	-C-H	1350-1480
Alkyl halide	-C-F	1000-1400