

Table 2 FTIR detected changes in absorption bands of protein, lipid and carbohydrate under Cd induction

Absorption band (cm ⁻¹)	System	Bands of the sample				
		Control (C)	50 μ M Cd	100 μ M Cd	200 μ M Cd	200 μ M Cd+2 mM Spd
1800-1500	Protein	1652.93	1652.48	1652.50	1652.41	1652.99
3000-2800	Lipid	3401.42	3401.57	3402.75	3400.50	3339.83
1200-1000	Carbohydrate	1060.52	1061.43	1053.95	1025.62	1055.56