

Table S6 FTIR peak assignments of compounds **1** and **2**

Compound 1		Compound 2	
802	W-O _c -W	801	W-O _c -W
923	W-O _b -W	901	W-O _b -W
972	Si-O _c	950	W-O _d
1018	W-O _d	1088	P-O _c
1114/1244/1377/1622	C-N/C=N	1222/1292/1336/1620	C-N/C=N
1514/1544	C=C	1418/1536	C=C
1714	C=O	3138	N-H
3139	N-H	3244	C-H
3565	O-H	3455	O-H