Electronic Supplementary Information for

Multi-Ni@Ni phyllosilicate hollow sphere for CO_2 reforming of CH_4: influence of Ni precursors on structure, sintering and carbon resistance

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Table S-1 Ni 2p XPS peak deconvolution results for NiPhy HS prepared with different precursors.

Peaks / Samples	Ni			2:1 NiPhy			1:1 NiPhy		
	B.E./ eV	FWHM /eV	Peak area	B.E./eV	FWHM /eV	Peak area	B.E./ eV	FWHM /eV	Peak area
NiPhy-OAc	852.9	2.0	7721.800	857.5	2.0	2369.058	855.6	2.3	2758.160
NiPhy-NO_3	852.7	2.1	8213.770	857.2	2.1	3881.147	855.4	2.2	2489.840
NiPhy-$(Ac)_2$	852.9	2.0	5113.235	857.6	2.0	2972.119	855.4	2.3	2068.715