

Supplementary Materials

Unravelling the Structural Modification (Meso-Nano-) of Cu/ZnO-Al₂O₃ Catalysts for Methanol Synthesis by the Residual NaNO₃ in Hydroxycarbonate Precursors

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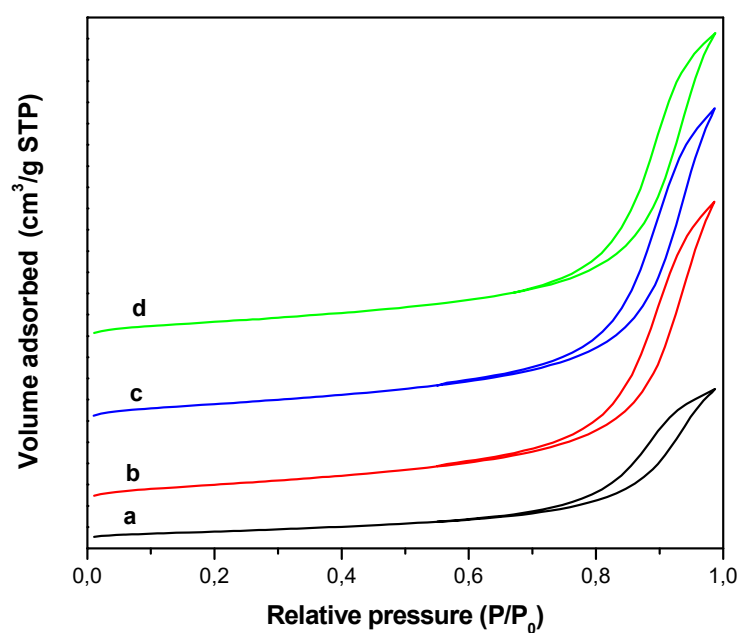


Figure S1 N₂ adsorption/desorption isotherms (A) and pore size distribution (B) of the hydroxycarbonate precursors: (a) W/O (—), (b) W1 (—), (c) W3 (—), (d) W6 (—).

Table S1. Effect of Na⁺ and NO₃⁻ salts (1.8 wt%) on the decarbonation step at high temperature of the W3 hydroxycarbonate precursor.

	Decarbonation temperature (HT-CO ₃)	Carbonate as HT-CO ₃
	T (°C)	wt%
CuO/ZnO-Al W3	528	8.5
CuO/ZnO-Al W3 + NaNO ₃	365	8.3
CuO/ZnO-Al W3+ KNO ₃	390	8.4
CuO/ZnO-Al W3+ NaCl	528	8.5