Electronic Supplementary Material (ESI) for Catalysis Science & Technology.

Selective Catalytic Reduction of NO_x over Micro-/Meso-/Macroporous Cu-SAPO-34

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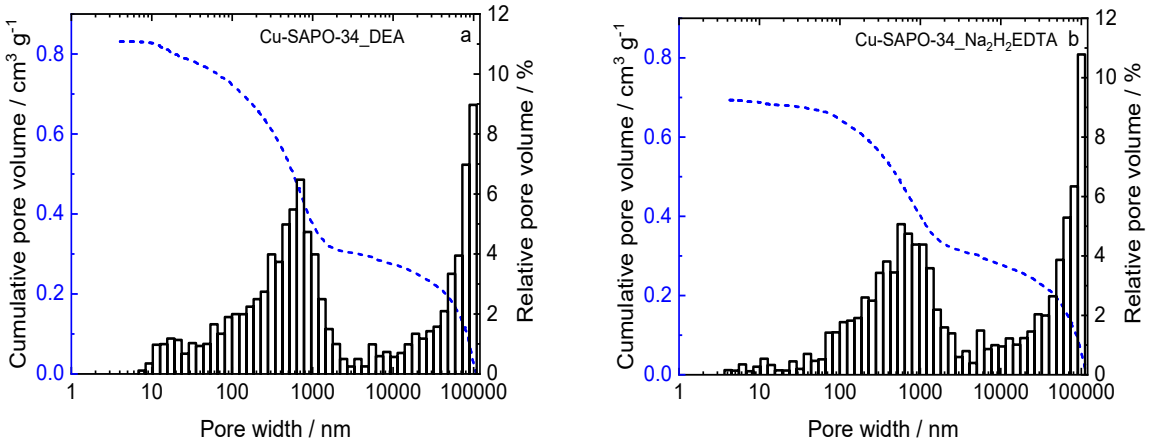

Fig. SI1: Pore width distribution (solid line) and specific cumulative pore volume (dashed line), determined by Hg porosimetry, of a) Cu-SAPO-34_DEA and b) Cu-SAPO-34_Na_2H_2EDTA.

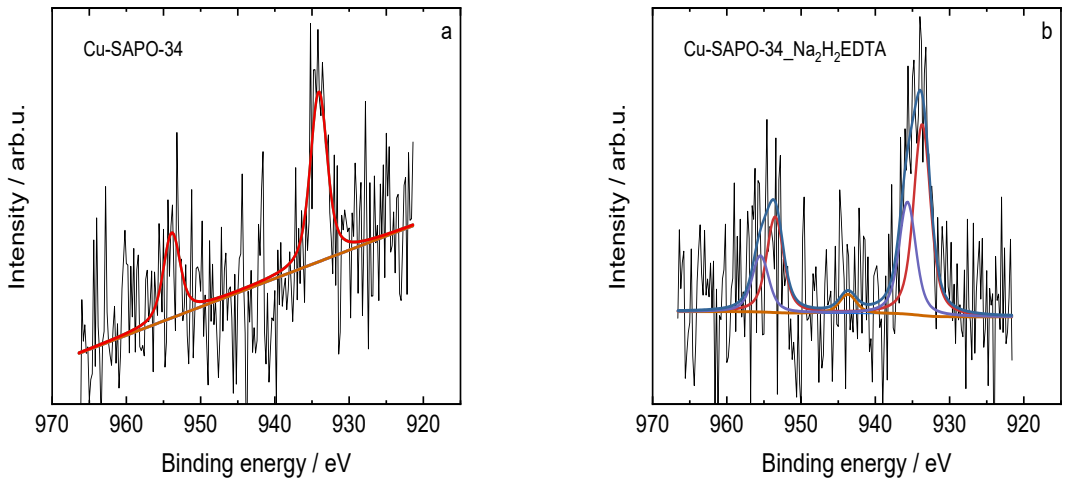

Fig. SI2: XPS spectra of Cu 2p for a) Cu-SAPO-34 and b) Cu-SAPO-34_Na_2H_2EDTA recorded at room temperature (ca. 25 °C).

Tab. SI1: Deconvolution of the ^{27}Al MAS NMR spectra.

Sample	Chemical shift (δ_{27Al}) / ppm (Rel. area / %)		
	Al^{IV}	Al^{V}	Al^{VI}
SAPO-34	44.2 (47.1)	16.8 (5.1)	-9.1 (47.8)
Cu-SAPO-34	44.3 (49.1)	16.2 (7.3)	-9.5 (43.5)
Cu-SAPO-34_Na_2H_2EDTA	44.3 (46.8)	16.9 (14.0)	-9.1 (39.2)
Cu-SAPO-34_DEA	44.4 (48.4)	16.7 (12.2)	-9.3 (39.4)

Tab. SI2: Deconvolution of the ^{31}P MAS NMR spectra.

Sample	Chemical shift (δ_{31P}) / ppm (Rel. area / %)	
	P^{IV}	
SAPO-34	26.4 (38.4)	19.2 (61.7)
Cu-SAPO-34	26.3 (36.3)	20.1 (63.8)
Cu-SAPO-34_Na_2H_2EDTA	26.3 (31.8)	21.0 (68.3)
Cu-SAPO-34_DEA	26.3 (33.6)	20.6 (66.4)