

Supplementary Materials: Influence of Substrate Preparation on the Catalytic Activity of Conical Ni Catalysts

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Table S1. Chemical compositions determined by the EDS technique.

Sample	Substrate preparation	Chemical content [% at.]		
		Ni	O	Cl
Ni cones	Etched	98.4	1.6	0.0
	Etched and polished (400 grit)	96.6	3.3	0.1
	Etched and polished (800 grit)	96.3	3.6	0.1
	Etched and polished (1200 grit)	97.2	2.8	0.0

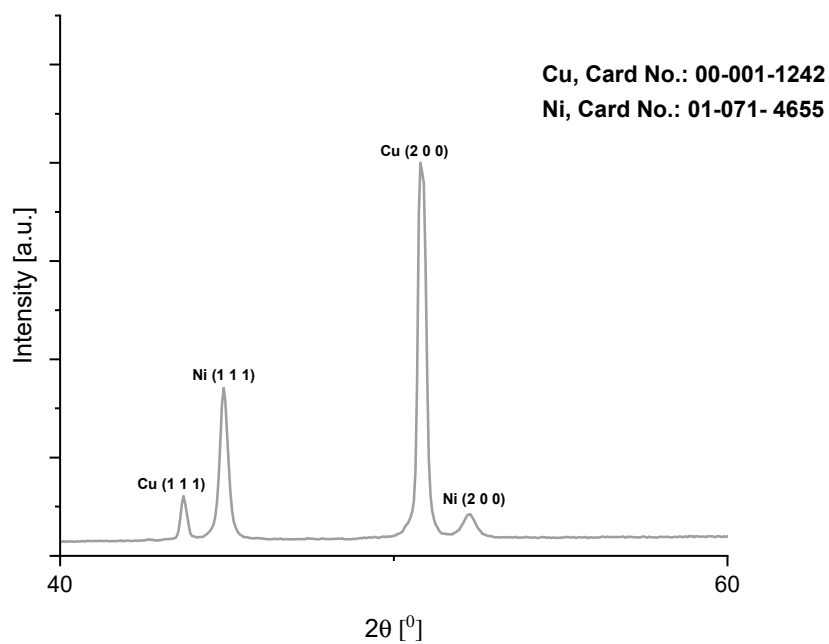


Figure S1. XRD diffraction pattern of the conical Ni coating deposited on the etched Cu substrate.

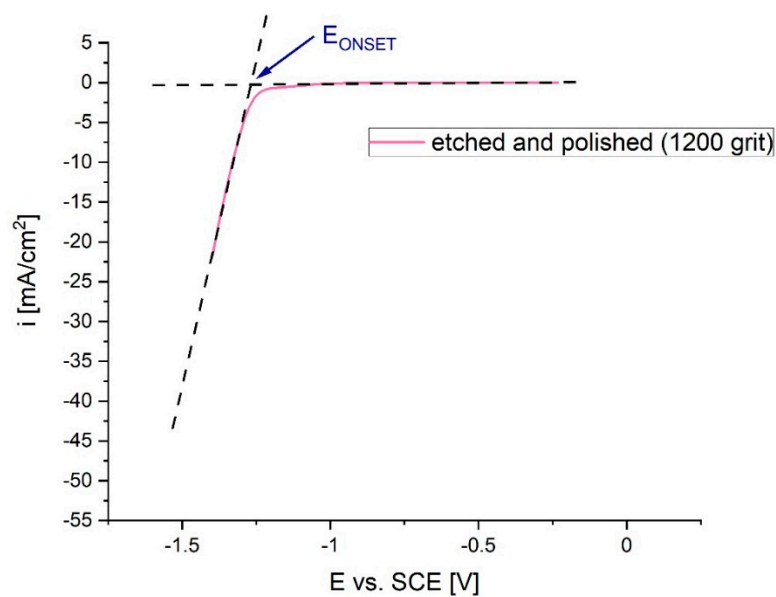


Figure S2. Determination of the ONSET potential.