

Supporting Information

-for-

Enhanced catalytic dechlorination of 1,2-dichlorobenzene using Ni/Pd bimetallic nanoparticles prepared by a pulsed laser ablation in liquid

Hyeon Jin Jung^{a†}, Ravindranadh Koutavarapu^{a†}, Seung Jun Lee^a, Sung Kuk Kim^a, Hyun Chul Choi^{b*} and Myong Yong Choi^{a*}

^a*Department of Chemistry (BK21+) and Research Institute of Natural Science, Gyeongsang National University, Jinju 52828, Republic of Korea*

^b*Department of Chemistry, Chonnam National University, Gwangju 61186, Republic of Korea*

* To whom correspondence should be addressed: chc12@chonnam.ac.kr (H.C. Choi), mychoi@gnu.ac.kr (M. Y. Choi) Tel: +82-55-772-1492

† These authors contributed equally to this work

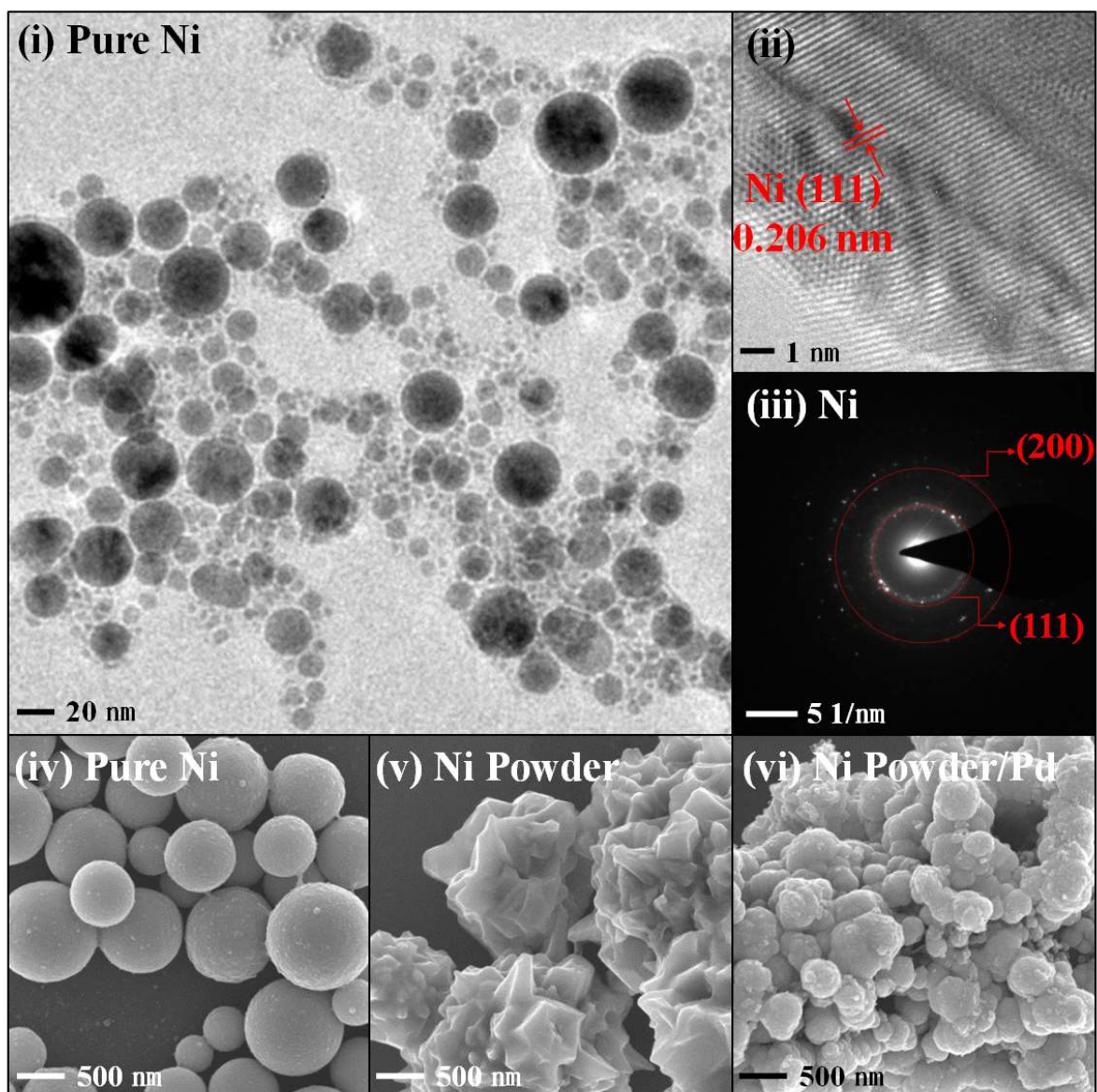


Fig. S1 (i) HRTEM, (ii) enlarged image, and (iii) SAED patterns of pure Ni NPs. (iv) FE-SEM images of (iv) pure Ni NPs, (v) Ni powder, and (vi) Ni powder/Pd NPs