Supplementary Material (ESI) for Chemical Communications# This journal is © The Royal Society of Chemistry 2005

Supplementary Information

A Highly Active Catalyst for CO Oxidation at 298 K: Mononuclear Au^{III}

Complexes Anchored to La₂O₃ Nanoparticles

Juan C. Fierro-Gonzalez,^a Vinesh A. Bhirud^a and Bruce C. Gates^{*a}

^a Department of Chemical Engineering and Materials Science, University of California, Davis, California 95616, USA. Fax: (530) 752 1031; Tel: (530) 752 3953; E-mail: bcgates@ucdavis.edu # Supplementary Material (ESI) for Chemical Communications # This journal is © The Royal Society of Chemistry 2005



Figure S1. Imaginary part and magnitude of uncorrected Fourier Transform (k^0 weighted) of experimental EXAFS function (solid line) and sum of the calculated contributions (dotted line) for the La₂O₃-supported gold sample treated in flowing He at 298 K.

Supplementary Material (ESI) for Chemical Communications # This journal is © The Royal Society of Chemistry 2005



Figure S2. Imaginary part and magnitude of uncorrected Fourier Transform (k^0 weighted) of experimental EXAFS function (solid line) and sum of the calculated contributions (dotted line) for the La₂O₃-supported gold sample during CO oxidation catalysis at 298 K.