Oxidation of Monoethylene Glycol to Glycolic Acid with Gold-Based Catalyst and Glycolic Acid Isolation by Electrodialysis

Supporting Information

Table S1. Influence of gold/platinum ratio of the catalyst on the leaching of gold and platinum. Reaction conditions: 20 wt% MEG, 70 °C, 25 g/L 0.1 wt% AuPt(9:1)/CeO_2, pH 10.5, 7 bar O_2.

Au:Pt (w/w)	Au leaching [%]	Pt leaching [%]
0:100	-	11
10:90	0	14.5
50:50	0	13
80:20	0	5
90:10	0	2
100:0	0	-

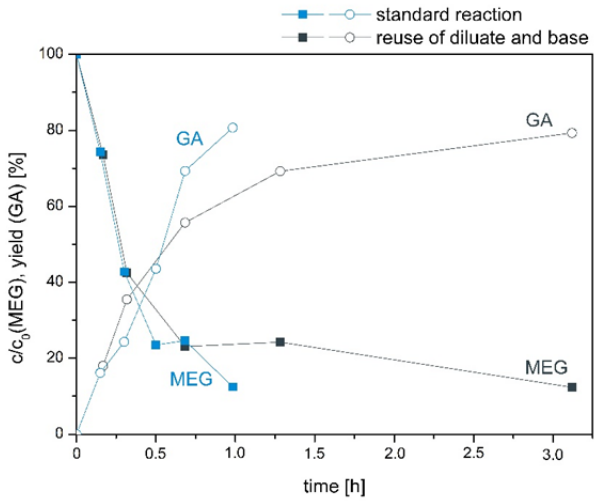


Figure S1. Recycle of diluate and base stream from electrodialysis in comparison to standard oxidation at optimized reaction conditions. Reaction conditions: 20 wt% MEG, 70°C, 25 g/L 0.1 wt% AuPt(9:1)/CeO_2, pH 10.5, 7 bar O_2.