Supporting Information

For *Dalton Transactions.*

Carboxylated Polymer Functionalized by Cyclodextrins for the Stabilization of Highly Efficient Rhodium(0) Nanoparticles in Aqueous Phase Catalytic Hydrogenation.

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This file includes:

1. **Figure S1.** Chemical structure of the grafted β-CD
2. **Figure S2.** Zeta potential distribution of **1**-Rh and **2**-Rh NPs
3. **Figure S3.** TEM image and size distribution of **1**-Rh(0) NPs after 5 successive runs

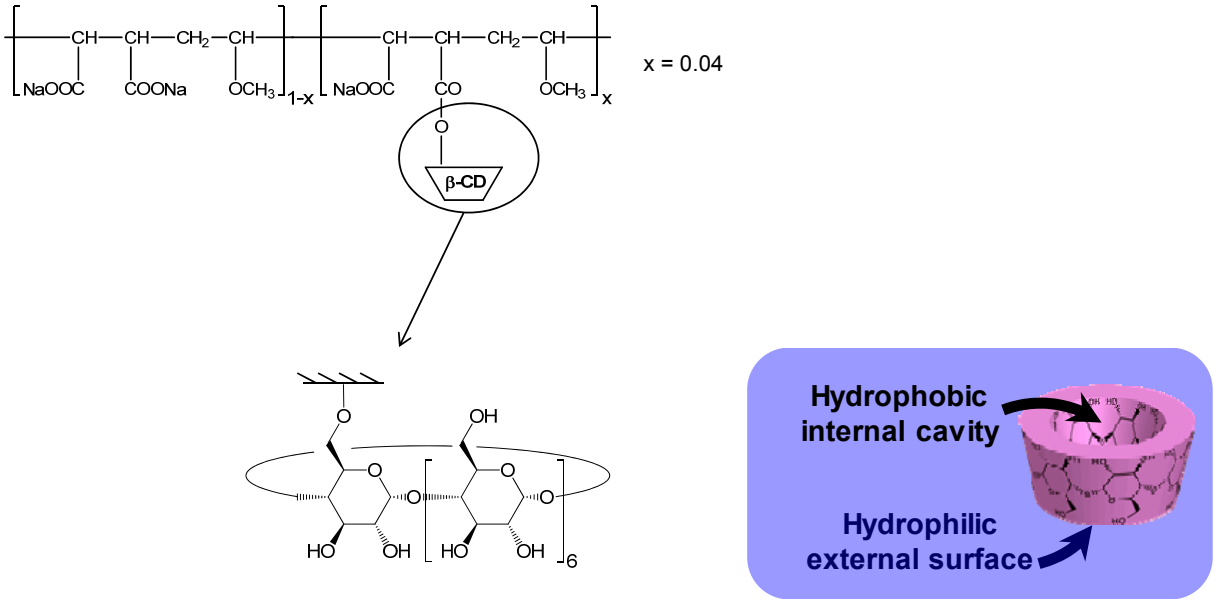

Figure S1. Chemical structure of the grafted β-CD

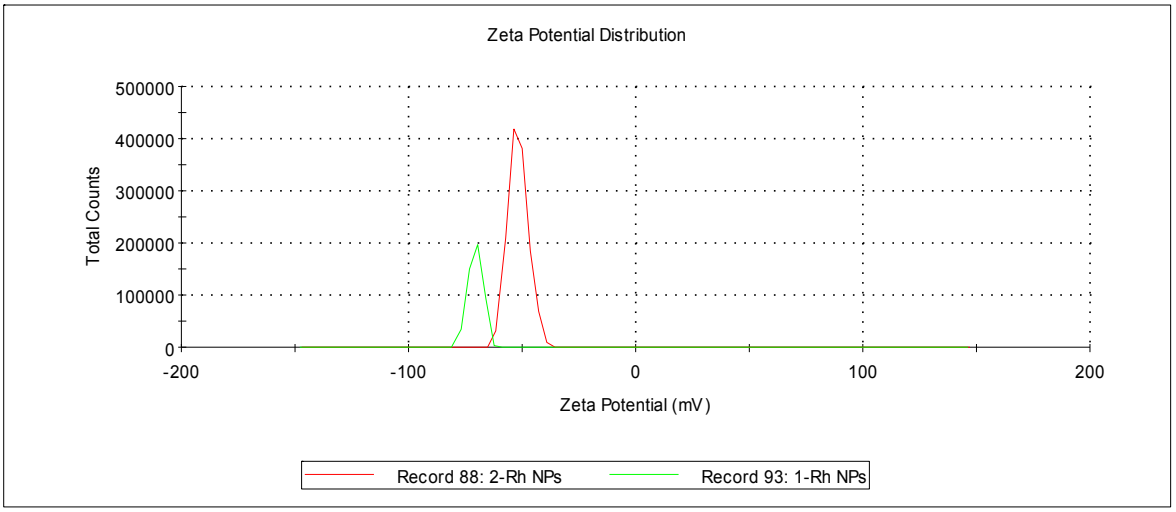

Figure S2. Zeta potential distribution of **1**-Rh (green) and **2**-Rh NPs (red)

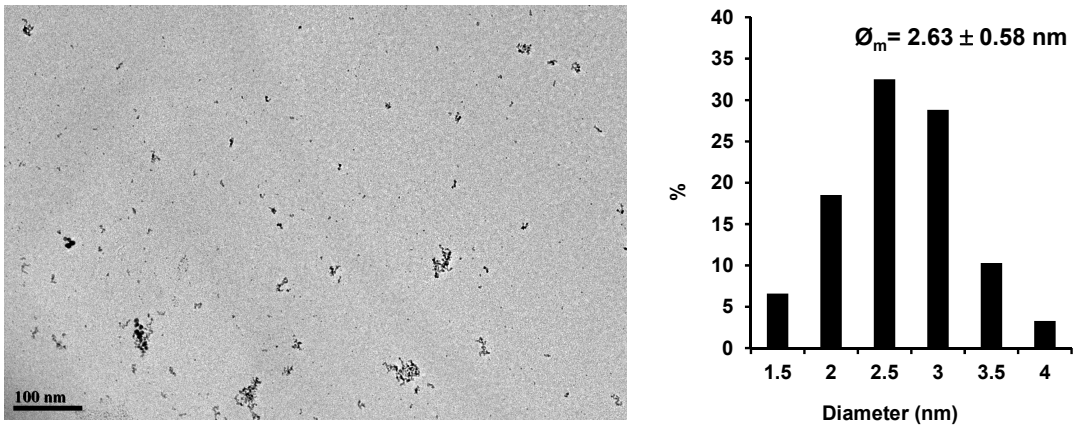

Figure S3. TEM image and size distribution of **1**-Rh NPs after 5 successive runs