

Table S1: Effect of different metal catalyst on rate constant (k_{obs}) at $[\text{DPC}] = 1.75 \times 10^{-5} \text{ M}$, $[\text{L-leucine}] = 2.75 \times 10^{-4} \text{ M}$, $[\text{OH}^-] = 0.02 \text{ M}$, $\text{I} = 0.1 \text{ M}$ (KNO_3), $\text{Temp} = 298 \text{ K}$, $[\text{IO}_4^-] = 5.5 \times 10^{-4} \text{ M}$, $[\text{CPC}] = 6.0 \times 10^{-3} \text{ M}$

[Metal Catalyst]	$k_{\text{obs}}, \text{s}^{-1}$ (without CPC)	$k_{\text{obs}}, \text{s}^{-1}$ (with CPC)
Uncatalyzed	1.02×10^{-4}	3.6×10^{-4}
$\text{Ru(III)} = 2.5 \times 10^{-6}$	1.92×10^{-3}	8.03×10^{-4}
$\text{Co(III)} = 2.5 \times 10^{-6}$	5.22×10^{-4}	2.13×10^{-4}
$\text{Fe(II)} = 2.5 \times 10^{-6}$	2.96×10^{-4}	1.18×10^{-4}