



Supporting Information

for

Synthesis of Cu–Mo/TiO₂ and Co–Mo/TiO₂ photocatalysts for the efficient degradation of organic pollutants in water

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Statistical analysis of reaction experiments

SD evaluated for the HPLC equipment and SD for photocatalytic experiments.

Table S1: Standard deviation evaluated for the HPLC equipment.

Standard	Area	tr
1	1133571	6.07
2	1137489	6.063
3	1117077	6.062
4	1130503	6.067
5	1135163	6.06
Average	1130760.6	6.0644
Deviation	8060.05749	0.00403733
SD	0.71279964	0.0665742

Table S2: Average SD obtained for the photocatalytic experiments evaluated by the TOC equipment.^a

Photocatalyst	Mineralization (%)	SD
TiO ₂	49	0.083
0.2 Cu–0.5 Mo/TiO ₂	90	0.16
0.5 Cu–0.5 Mo/TiO ₂	18	0.10
0.2 Co–0.5 Mo/TiO ₂	79	0.113
0.5 Co–0.5 Mo/TiO ₂	70	0.19

^aThe reaction experiments were carried out in duplicates and the analysis of reaction samples was carried out in triplicate.