Electronic Supplementary Information (ESI) for

Effect of glyphosate on X-ray diffraction of copper films prepared by electrochemical deposition

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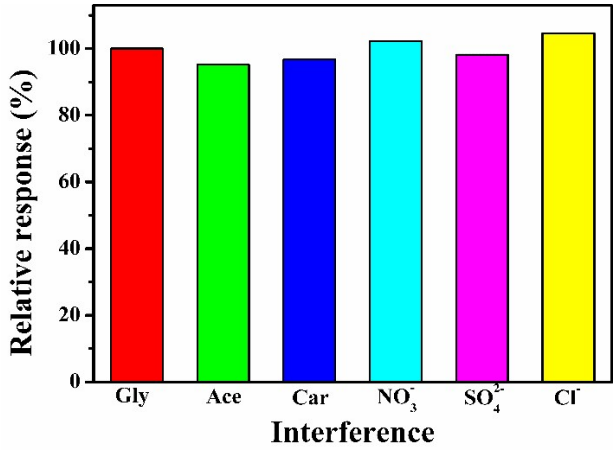

Fig. S1 Effect of different interferences. The concentration of glyphosate was 1×10^{-7} mol L^{-1}, and others were 1×10^{-5} mol L^{-1}.

Table S1 Comparison with various methods of the glyphosate detection

Methods	Linear Range (μg L^{-1})	LOD (μg L^{-1})	Reference
Colorimetric	1×10^2 - 5×10^5	1×10^2	[1]
LC-FLD + MS/MS	0.1 - 50.0	0.058	[2]
Microchip electrophoresis	0.17 - 845	0.05	[3]
Electrogenerated chemiluminescence	1.69×10^2 - 1.69×10^3	50.7	[4]
X-ray diffraction and electrodeposition	1.7×10^{-4} - 1.7×10	4.3×10^{-5}	Present work

References

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