

Supplementary Materials

Plasmonic Optical Fiber Sensors and Molecularly Imprinted Polymers for Glyphosate detection at an Ultra-Wide Range

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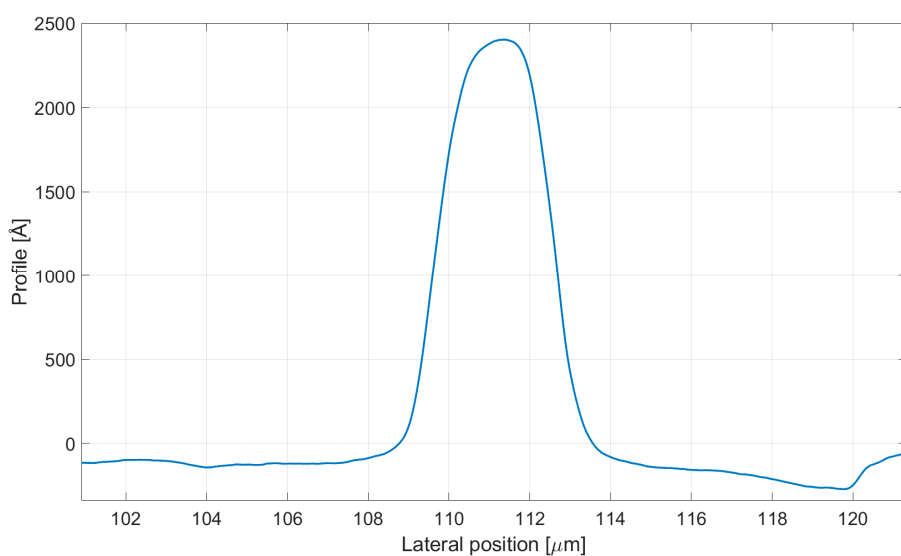


Figure S1. Profilometer graph for MIP layer thickness determination.

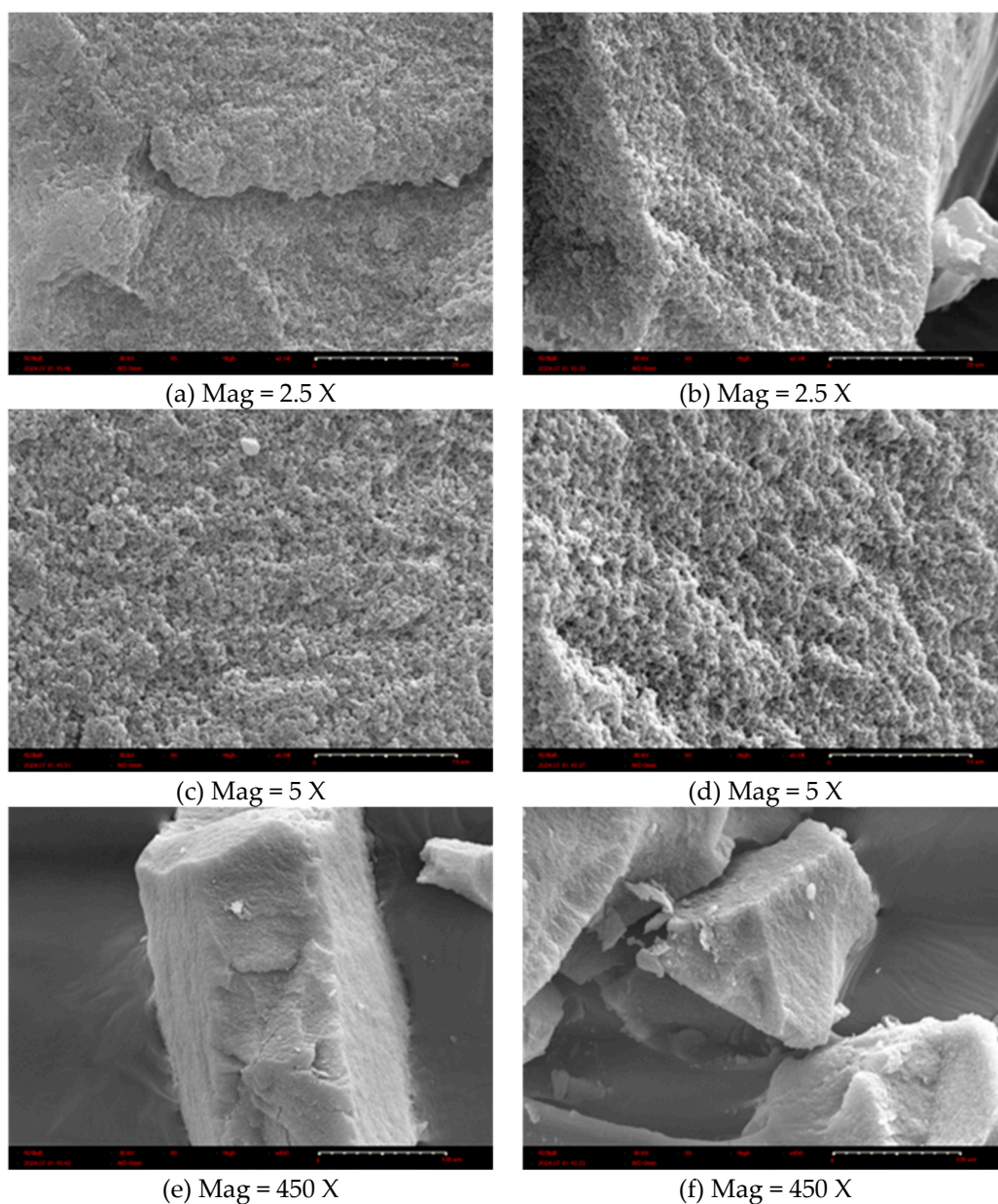


Figure S2. SEM images for MIP (a, c, and e) and NIP (b, d, and f) powder (bulk polymerization).

Table S1. Bi-Langmuir fitting parameters relative to GLY determination in water via the proposed SPR-POF-MIP sensor. The number in parentheses is the standard deviation of the last digit.

$\Delta\lambda_{\max1}$ [nm]	K_1 [μM]	$K_{\text{aff}1}$ [μM] ⁻¹	$\Delta\lambda_{\max2}$ [nm]	K_2 [μM]	$K_{\text{aff}2}$ [μM] ⁻¹	R^2
1.0(3)	0.0031(3)	325(31)	2.6(3)	0.7(3)	1.4(6)	0.960