

Paper-Based Analytical Device for Zinc Ion Quantification in Water Samples with Power-Free Analyte Concentration

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Table S1. Material cost estimation for single 3D-PAD.

Material	Cost Per Device
GFDX203000 glass fiber	\$0.133
CF7 absorbent pad	\$0.175
GFCP103000 cellulose pad	\$0.0583
Whatman No. 1 filter paper	\$0.00983
Zincon	\$0.00000644
Salicylaldoxime	\$0.000657
TAPS	\$0.0116
TMAOH	\$0.01016
Copper (II) chloride	\$0.000000125
Total	\$0.398

Table S2. Material cost estimation for the 3D-printed device holder.

Material	Cost Per Holder
FullCure810 VeroClear	\$9.70
FullCure705 Resin Support	\$4.33
Total	\$14.0



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