

Materials List for:

# Expression of Cementitious Pore Solution and the Analysis of Its Chemical Composition and Resistivity Using X-ray Fluorescence

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## Materials

Name	Company	Catalog Number	Comments
Energy Dispersive X-Ray Fluorescence Benchtop Spectrometer	Malvern PANalytical	Epsilon 3XLE or Epsilon 4	
35 mm Sample Cups for Liquids	Malvern PANalytical	9425 888 00024	Panalytical Consumables Catalogue 2016 for XRF Accessories and Consumables Catalog
4 micron Polypropylene Film	Malvern PANalytical	9425 888 00029	Panalytical Consumables Catalogue 2016 for XRF Accessories and Consumables Catalog
Syringe, 5 mL	VWR	53548-005	HSW Norm-Ject Sterile Luer-Slip syringes, Air-Tite
Needle, 16Gx1"	VWR	89219-334	Premium Veterinary Hypodermic Needles, Sterile, Air-Tite
Container	VWR	15704-092	VWR Specimen containers, Polypropylene with Polyethylene Caps
Pressurized Filter Holder	EMD Millipore	XX4004700	100 mL capacity, 47 mm filter diameter
MCE Membrane Filter	PALL	63069	47 mm diameter, 0.45 µm pore size
Silicone Funnell	SpiceLuxe	SLP-122513-F1	Top opening 2 1/2", Bottom opening 3/4", Height 2 3/4"