

Materials List for:

# A Filter-based Surface Enhanced Raman Spectroscopic Assay for Rapid Detection of Chemical Contaminants

Siyue Gao<sup>1</sup>, Jessica Glasser<sup>1</sup>, Lili He<sup>1</sup>

<sup>1</sup>Department of Food Science, University of Massachusetts Amherst

Correspondence to: Lili He at [lilihe@foodsci.umass.edu](mailto:lilihe@foodsci.umass.edu)

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## Materials

Name	Company	Catalog Number	Comments
Ampicillin	Fisher Scientific	BP1760-5	N/A
Ferbam	Chem Service	N-11970-250MG	98+%
Silver nitrate	Sigma Aldrich	209139	99.0+%
Sodium citrate dehydrate	Sigma Aldrich	W302600	99+%
Sodium chloride	Sigma Aldrich	S7653	99.5+%
EMD Millipore Durapore PVDF Membrane Filters	Fisher Scientific	VVLP01300	0.10 µm Pore Size, hydrophilic
Polycarbonate Filter Holders	Cole-Parmer	EW-29550-40	13 mm diameter
Analog Vortex Mixer	Fisher Scientific	02-215-365	N/A
Nutating Mixers	Fisher Scientific	05-450-213	N/A
DXR Raman spectroscope	Thermo Scientific	IQLAADGABFFAHCMAPB	Laser power: 1 mW Exposure time: 5 sec