

Materials List for:

A Dual-Functional Electroactive Filter Towards Simultaneously Sb(III) Oxidation and Sequestration

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Materials

| Name | Company | Catalog Number | Comments |
|---------------------------------------|--------------------|----------------|--------------|
| Atomic fluorescence spectrometer | Ruili Co., Ltd | | |
| Carbon nanotubes (CNT) | TimesNano Co., Ltd | | |
| DC power supply | Dahua Co., Ltd | | |
| Ethanol, 96% | Sinopharm | | |
| Hydrochloric acid, 36% | Sinopharm | | Corrosive |
| L-antimony potassium tartrate | Sigma-Aldrich | | Highly toxic |
| N-methyl-2-pyrrolidinone (NMP), 99.5% | Sinopharm | | Highly toxic |
| Potassium hydroxide, 85% | Sinopharm | | Corrosive |
| Peristaltic pump | Ismatec Co., Ltd | | |
| Titanium dioxide powders | Sinopharm | | |