

Materials List for:

Solvothermal Synthesis of MIL-96 and UiO-66-NH₂ on Atomic Layer Deposited Metal Oxide Coatings on Fiber Mats

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Materials

| Name | Company | Catalog Number | Comments |
|--------------------------|-------------------------|----------------|----------|
| trimethylaluminum | Strem Chemicals | 93-1360 | |
| home-built ALD reactor | N/A | | |
| nitrogen cylinder | Arc3 | UN1066 | |
| trimesic acid | Sigma-Aldrich | 482749-500G | |
| ethanol | Koptec | V1001 | |
| teflon lined autoclave | PARR Instrument Company | 4760-1211 | |
| isotemp furnace | Fisher Scientific | F47925 | |
| Zirconium (IV) chloride | Alfa Aesar | 12104 | |
| 2-aminoterephthalic acid | Acros Organics | 278031000 | |
| N,N-dimethylformamide | Fisher Scientific | D119-4 | |
| Hydrochloric Acid | Fisher Scientific | A481-212 | |
| Polypropylene fiber mats | N/A | | |
| Polyamide fiber mats | N/A | | |