

Materials List for:

Nanothermite with Meringue-like Morphology: From Loose Powder to Ultra-porous Objects

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Materials

Name	Company	Catalog Number	Comments
Aluminum nanopowder	Intrinsiq Materials	-	nanopowder, ≈ 100 nm particle size Al QNA891
Tungsten(VI) oxide	Sigma-Aldrich	550086-25G	nanopowder, <100 nm particle size (TEM) Lot# MKBR9903V
Orthophosphoric Acid	Fisher Scientific	-	85% solution
polyethylene Pasteur pipette 3 mL	Th. Geyer	7691062	LABSOLUTE Pasteur pipettes made of polyethylene (PE) graduation 0,50 ml, Length 145 mm
polyethylene Pasteur pipette 1 mL	Th. Geyer	7691063	LABSOLUTE Pasteur pipettes made of polyethylene (PE) graduation 0,25 ml, Length 150 mm
Test tube shaker Reax Control	Heidolph	541-11000-00	Vortex mixer with strong 5 mm vibration orbit yields