

Materials

Ceramic Crucibles

Sigma-Aldrich

15 mL (pack of 12)

<http://www.sigmaaldrich.com/catalog/product/aldrich/z247111>

30 mL (pack of 12)

<http://www.sigmaaldrich.com/catalog/product/aldrich/z247138>

Alumina Crucibles

AdValue Technology

20 mL (individual)

<https://www.advaluetech.com/products/alumina/alumina-crucible-high-form>

Boric Acid

Sigma-Aldrich

Various weights, from 100g-5kg

<http://www.sigmaaldrich.com/catalog/product/sigald/b0394>

Copper Oxide

Sigma Aldrich

<http://www.sigmaaldrich.com/catalog/product/sigald/208841>

Iron Oxide

Sigma Aldrich

<http://www.sigmaaldrich.com/catalog/product/sigald/12342>

Bosshead Clamp

Southern Labware

https://www.southernlabware.com/clamp-holder-cast-iron.html?utm_source=google_shopping&qclid=CjwKEAjw16HLBRDF9L2UmOC H7U8SJAASVESovALPvYmyILYQmjeCI YJJRD60STwEf1_xgkiM1jddhoCpc3w_wcB

Avogadro's Lab Supply Inc.

https://www.avogadro-lab-supply.com/item/Nickel_Plated_Boss_Head_Clamp_Holder/718/c130

Extension Clamp

United Scientific Supplies, Inc. (Bosshead not needed for this item)

<http://www.unitedsci.com/product-catalog/burette-clamp-boss-head-uncoated-jaws>

Microscopes America (Plain jaw burette clamp, #97-1901)

<http://www.microscopesamerica.com/Clamps.html>

Laboratory Stand

Grainger (20 in. tall)

[https://www.grainger.com/product/GRAINGER-APPROVED-RING-STAND-W-ROD-20-IN-8FX87?s_pp=false&picUrl=//static.grainger.com/rp/s/is/image/Grainger/8FX87_AS02?\\$smthumb\\$](https://www.grainger.com/product/GRAINGER-APPROVED-RING-STAND-W-ROD-20-IN-8FX87?s_pp=false&picUrl=//static.grainger.com/rp/s/is/image/Grainger/8FX87_AS02?$smthumb$)

Grainger (24 in. tall)

[https://www.grainger.com/product/UNITED-Support-Stand-23YW90?s_pp=false&picUrl=//static.grainger.com/rp/s/is/image/Grainger/23YW89_AS01?\\$smthumb\\$](https://www.grainger.com/product/UNITED-Support-Stand-23YW90?s_pp=false&picUrl=//static.grainger.com/rp/s/is/image/Grainger/23YW89_AS01?$smthumb$)

Scoopula

Science Company

<https://www.sciencecompany.com/Scoopula-Stainless-Steel-6-12-inch-P16134.aspx>

Propane Tank

Home Depot

<http://www.homedepot.com/p/Bernzomatic-14-1-oz-Propane-Gas-Cylinder-304182/202044700>

Propane Tank Nozzle

Home Depot

<http://www.homedepot.com/p/Bernzomatic-WT2301-Self-Igniting-Basic-Torch-Head-WT2301/202539575>

Safety Goggles

MSC Direct

https://www.mscdirect.com/browse/tnpla/40764961?cid=ppc-google-New+-+Safety+-+PLA_sQuL1uGul_164110844835_c_S&mkwid=sQuL1uGul|dc&pccid=164110844835&rd=k&product_id=40764961&gclid=CjwKEAiw16HLBRDF9L2UmOCH7U8SJAASVESoyA2losrP0dJEIARgy3X3wluHxCoAmZOSHtqCv6eFqxoCvW_w_wcB

IndustrialSafety

https://www.industrialsafety.com/3M-40661-00000-10-334Af-Chemical-Splash-Goggle-Cle-p/665573051.htm?gclid=CjwKEAiw16HLBRDF9L2UmOCH7U8SJAASVESo3S7GfMU8RZSPRHpiL1pFgZ866aG3dJI35jd236jk5RoCsx3w_wcB

Heat-resistant Gloves

Global Industrial (men's size)

<http://www.globalindustrial.com/p/safety/hands/cut-resistant-gloves/pair-medium-weight-kevlar-gloves-large>

Global Industrial (women's size)

<http://www.globalindustrial.com/p/safety/hands/cut-resistant-gloves/pair-medium-weight-kevlar-gloves-medium>