

Chemistry 2202 Resource List

Where possible, buy the smallest available quantity of chemical substance.

Note: some of the materials listed in this table are also used in Chemistry 3202. If both courses are offered at your site, consult both lists to avoid duplication of orders.

Item Description	Catalogue #	Qty	Activity
Copper (ii) sulfate powdered – 100 g	470300-848	1	Core Lab 1
Calcium Chloride powdered – 100g	470300-576	1	Core lab 3
Sodium carbonate powdered – 500g	470302-478	1	Core Lab 3
Kool-aid or other coloured drink crystals	Local	1	Core Lab 2
Rubbing alcohol (isopropyl alcohol)	Local	1	Core Lab 5
Crucible – low form 17 mL	153120	3	Core lab 1
Watch Glass – 7 cm	171372	4	Core Lab 1, 2, & 3
Metal Scoopula – 12 pkg	6293001	1	Core Lab 1, 2, & 3
Glass Stirring Rod with rubber tips	6731074	12	Core Lab 2, & 3
Crucible tongs	6341500	1	Core lab 1
Wash bottle – 500 mL	184115	3	Core Lab 2
Beaker – 50 mL	173503	6	Core Lab 2
Beaker - 250 mL	173506	6	Core Lab 2
Erlenmeyer flasks – 250 mL	173612	3	Core lab 3
Delivery Pipette – 3.0 mL	6573000	3	Core Lab 2
Graduated Pipette – 10.0 mL	53043-170	3	Core lab 2
Pipette Bulb	150511 or 6566201	3	Core Lab 2
Volumetric Flask – 100 mL	470219-656	2	Core Lab 2
Centigram Balance (reads 2 decimals)	470217-930	1	Core Lab 1, 2, & 3
Filter Paper (10 cm disc)	470163-000	1	Core lab 3
Ring Stand and clamp	6310001	3	Core lab 3
Funnel	181332	3	Core lab 3
Dropper pipettes with bulbs (medicine dropper)	176022	12	Core Lab 2
Conductivity apparatus/tester	6672310	1	Core Lab 2
Molecular model kits	821108	1	Core lab 4 & 6
Safety Glasses	153074	1/person	All Core Labs

Catalogue #'s are taken from www.boreal.com

Lab Activities

1. Hydrate – copper (ii) sulphate
2. Solution Preparation – kool-aid
3. Stoichiometry – Calcium chloride/Sodium carbonate
4. VSEPR – model kit
5. Properties – Virtual
6. Organic models – model kit / chemsketch