

Chemistry 3202 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 list to avoid duplication of orders.

Item Description	Catalogue #	Qty	Activity
1.00 M HCl Solution – 1.0 L	97036-07	1	Core Lab 1 & 6
Sodium hydrogen Carbonate -100 g	94276-06	1	Core Lab 1 & 6
Calcium carbonate – 100 g	94067-04	1	Core Lab 1
Ammonium chloride – 100 g	94027-06	1	Core Lab 5
Phenolphthalein - 50 mL	95115-04	1	Core lab 3 & 4
1.00 M NaOH Solution – 1.0 L	97080-07	1	Core Lab 3 & 4
Sodium hydroxide solid – 100 g	97077-04	1	Core Lab 5
Sodium carbonate anhydrous -100 g	94290-06	1	Core Lab 6
0.10 M Iron (iii) nitrate – 50 mL	94798-03	1	Core Lab 2
Safety Glasses	45210-00	1/person	All Core Labs
Centigram Balance (reads 2 decimals)	60375	1	Core Lab 1, 5 & 6
Test tubes – 20 x 150 mm	63256-07P	4	Core Lab 1
Rubber stoppers – assorted	62860	1	Core Lab 1
Erlenmeyer flask – 250 mL	61735-12	3	Core lab 1 & 3
Plastic tubing – 3 m	62904-02	1	Core lab 1
Straight plastic connecting tube	45226-00	3	Core Lab 1
Thermometer	63320-00	2	Core Lab 1
Graduated cylinder – 50 mL	61368-07	3	Core lab 1, 4, & 6
Metal Scoopula – 12 pkg	62930-01G	1	Core Lab 1
Graduated pipette – 10.0 mL	62660-05	2	Core Lab 3 & 4
Pipette bulb	68677	2	Core lab 3 & 4
Buret clamp – double capacity	60826-01	1	Core Lab 4
Buret – 50 mL	185039	1	Core Lab 4 & 5
Beaker - 250 mL	45111-03G	6	Core Lab 3, 4, 5, & 6

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

Lab Activities

1. Reaction Rates
2. A/B Titration
3. Kw of Vinegar
4. Heat of Solution - Calorimetry
5. Hess's Law - Calorimetry