

ALVEARY Grade 9 Science Kit Contents

Items included in the kit:

- Alligator clips with leads
- Aluminum strip (Al)
- Antacid tablets, pack
- Battery, 9V
- Beaker, glass, 250 mL
- Beaker, glass, 50 mL
- Burette
- Burette clamp
- Candle
- Candle, beeswax
- Chromatography paper
- Clay
- Coconut oil, 100 g
- Conical tube, 15mL
- Copper strip (Cu)
- Cup, foam
- Cup, paper
- Electrolysis electrodes
- Fishing line
- Glass tube
- Graduated cylinder, 10 mL
- Graduated cylinder, glass, 100 mL
- Iron strip (Fe)
- Isopropyl Alcohol, 90%, 30 mL
- Lab apron
- Magnesium ribbon
- Matches
- Mesh stand
- pH paper, pack
- Pipet
- Plastic storage box
- Rubber stopper 1-hole
- Rubber tubing
- Safety gloves
- Safety goggles
- School glue
- Sodium Hydroxide, 0.1M, 100 mL
- Sodium Hydroxide, 30 g
- Sodium Tetraborate, 100 g
- Starch, water soluble, 30 g
- Test tubes
- Thermometer
- Thumbtack
- Tongs
- Watch glass
- Well plate
- Wood base & dowel
- Wooden splint
- Yeast
- Zinc strip (Zn)

Microchemistry chemical set includes:

- 0.1M Acetic Acid
- 0.1M Calcium Chloride
- 0.1M Copper II Sulfate
- 0.1M Hydrochloric Acid
- 0.1M Iron (III) Chloride
- 0.1M Lead Nitrate
- 0.1M Nickel Nitrate
- 0.1M Potassium Iodide
- 0.1M Silver Nitrate
- 0.1M Sodium Acetate
- 0.1M Sodium Carbonate
- 0.1M Sodium Chloride
- 0.1M Sodium Hydroxide
- 0.5M Sodium Hydroxide
- 0.1M Sodium Oxalate
- 0.1M Sodium Phosphate
- 0.1M Sodium Sulfate
- 0.1M Sodium Thiosulfate
- 0.1M Sulfuric Acid
- 0.1M Zinc Nitrate
- Ascorbic Acid
- Calcium Chloride
- Lugol's Solution
- Magnesium Sulfate
- Sodium Alginate

See the curriculum for the list of easily obtained items required for the year's lessons and labs.

Additional information from Home Science Tools:

- 1. The products in this kit are intended for parent/teacher use to complete curriculum lab activities with students.*
- 2. Some items are not designed for or intended primarily for children ages 12 and under.*
- 3. Some materials and many chemicals we provide are dangerous and may be harmful if misused. With your purchase, you are assuming all responsibility for any injuries or damages resulting from the storage, use, and disposal of all materials and chemicals.*
- 4. Some products may differ from the web image (such as clay, food coloring, etc.)*
- 5. While our kits conveniently contain most of the items you'll need to complete the labs, they do not include some common household items or more expensive items like microscopes and live cultures.*



Warning

HAZARDOUS CHEMICAL: This kit contains hazardous chemicals. Not for children under the age of 15. For use under adult supervision. Read warning labels carefully.

CHOKING HAZARD: Small parts. Not for children under 3 years. Adult supervision required.

CA Proposition 65: This product can expose you to chemicals including Lead and lead compounds, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.