



Experiment	Chemical Name	Concentration
Exp 2	Iron metal	solid
Exp 2	Lead metal	solid
Exp 2	Copper metal	solid
Exp 2	Nickel metal	solid
Exp 2	Oxygen	gas
Exp 2	Chlorine	gas
Exp 2	Aluminum metal	solid
Exp 2	Bromine	liquid
Exp 2	Cadmium	solid
Exp 2	Carbon	solid
Exp 2	Calcium	solid
Exp 2	Hydrogen	gas
Exp 2	Iodine	solid
Exp 2	Magnesium metal	solid
Exp 2	Nitrogen	gas
Exp 2	Silicon	solid
Exp 2	Sulfur	solid
Exp 2	Zinc	solid
Exp 2	Mercury	liquid
Exp 2	Copper (II) chloride	solid
Exp 2	Copper (II) oxide	solid
Exp 2	Iron (III) chloride	solid
Exp 2	Iron (III) oxide	solid
Exp 2	Lead (IV) oxide	solid
Exp 2	Nickel (II) chloride	solid
Exp 2	Nickel (II) oxide	solid
Exp 3	Nichrome wire	solid
Exp 5	Copper wire 1.5" pieces	solid
Exp 5	Isopropyl alcohol	liquid
Exp 5	Acetic acid	6 M
Exp 5	Sodium bicarbonate	solid

Experiment	Chemical Name	Concentration
Exp 5	Sodium chloride	solid
Exp 7	Sodium chloride	solid
Exp 8	Copper metal pellets	solid
Exp 9	Ethanol 95%	liquid
Exp 13	Sodium hydroxide	solid
Exp 13	Cobalt chloride 6 H ₂ O	solid
Exp 13	Magnesium sulfate 7 H ₂ O	solid
Exp 16	Magnesium ribbon 3 cm pieces	solid
Exp 17	Ethanol 95%	liquid
Exp 17	Octane	liquid
Exp 17	Magnesium strips 3 cm	solid
Exp 17	Hydrochloric acid	Conc. (12 M)
Exp 17	Ammonium hydroxide	Conc. (14.5 M)
Exp 17	Copper strips	solid
Exp 17	Zinc strips	solid
Exp 17	Mg strips	solid
Exp 17	Copper sulfate	1 M
Exp 17	Zinc sulfate	1 M
Exp 17	Sodium sulfate	1 M
Exp 17	Hydrogen peroxide 3%	3% v/v
Exp 18	Potassium iodide	0.1 M
Exp 18	Cobalt nitrate	0.1 M
Exp 18	Sodium sulfide	0.1 M
Exp 18	Calcium chloride ethanolic	0.1 M
Exp 18	Potassium chloride	0.1 M
Exp 18	Barium chloride	0.1 M
Exp 18	Sodium sulfate	0.1 M
Exp 18	Hydrochloric acid	6 M
Exp 18	Ammonium hydroxide	6 M
Exp 18	Sodium hydroxide	6 M
Exp 18	Sodium hydroxide	1 M
Exp 18	Ferric chloride	0.1 M
Exp 18	Sodium carbonate	0.1 M

Experiment	Chemical Name	Concentration
Exp 18	Sodium nitrate	0.1 M
Exp 18	Copper nitrate	0.1 M
Exp 18	Zinc nitrate	1 M
Exp 22	Bromthymol blue in ethanol	0.1% w/v
Exp 22	Phenolphthalein indicator	0.1% w/v
Exp 22	Calcium hydroxide	solid
Exp 22	Hydrochloric acid	0.1 M
Exp 22	Sodium hydroxide Unknown A	0.05 M
Exp 22	Sodium hydroxide Unknown B	0.07 M
Exp 24	Copper nitrate	1 M
Exp 24	Barium chloride	1 M
Exp 24	Calcium nitrate	1 M
Exp 24	Strontium nitrate	1 M
Exp 24	Lithium nitrate	1 M
Exp 24	Sodium nitrate	1 M
Exp 24	Potassium nitrate	1 M
Exp 31	FD&C blue 1 standard solution	$1.05 \times 10^{-4} \text{ M}$
Exp 31	FD&C blue 1 unknown 1	1.36×10^{-6}
Exp 31	FD&C blue 1 unknown 2	3.78×10^{-6}
Exp 31	FD&C blue 1 unknown 3	7.03×10^{-6}
Exp 31	FD&C blue 1 unknown 4	9.03×10^{-6}