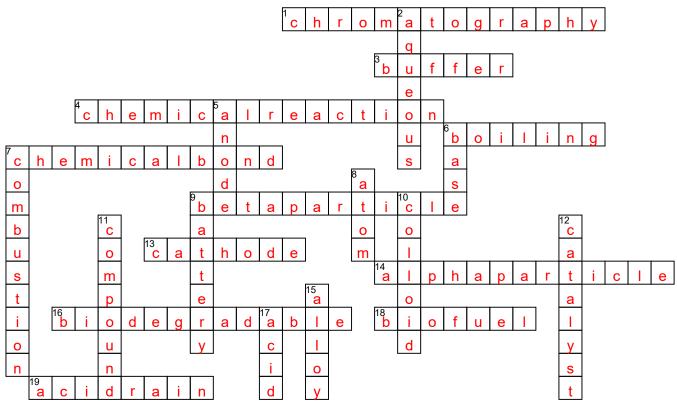
Chemistry Terms Crossword Puzzle 1-4

1. Using the Across and Down clues, write the correct answer in the numbered grid below.



ACROSS

- 1. A technique for separating mixtures based on differences in their movement through a medium.
- 3. A solution that resists changes in pH.
- 4. Process where substances are transformed into different substances.
- 6. The process where a liquid changes into a gas.
- 7. The force that holds atoms together in a molecule.
- 9. A type of radiation consisting of high-energy electrons.
- 13. The electrode where reduction occurs.
- 14. A type of radiation consisting of two protons and two neutrons.
- 16. Capable of being broken down by natural processes.
- 18. Fuel derived from biological sources like plants.
- 19. Precipitation that is more acidic than normal due to air pollution.

DOWN

- 2. A solution where the solvent is water.
- 5. The electrode where oxidation occurs.
- 6. A substance that accepts protons in a solution.
- 7. A chemical reaction that involves the burning of a substance in oxygen.
- 8. The smallest unit of an element.
- 9. A device that stores and provides electrical energy.
- 10. A mixture where very small particles of one substance are evenly distributed throughout another.
- 11. A substance formed from two or more elements chemically united.
- 12. Substance that speeds up a chemical reaction without being consumed.
- 15. A mixture of metals.
- 17. A substance that donates protons in a solution.

alpha particle	chemical bond	boiling
compound	acid	alloy
biofuel	combustion	colloid
atom	chemical reaction	battery
buffer	aqueous	beta particle
cathode	biodegradable	chromatography
base	catalyst	anode
acid rain		

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