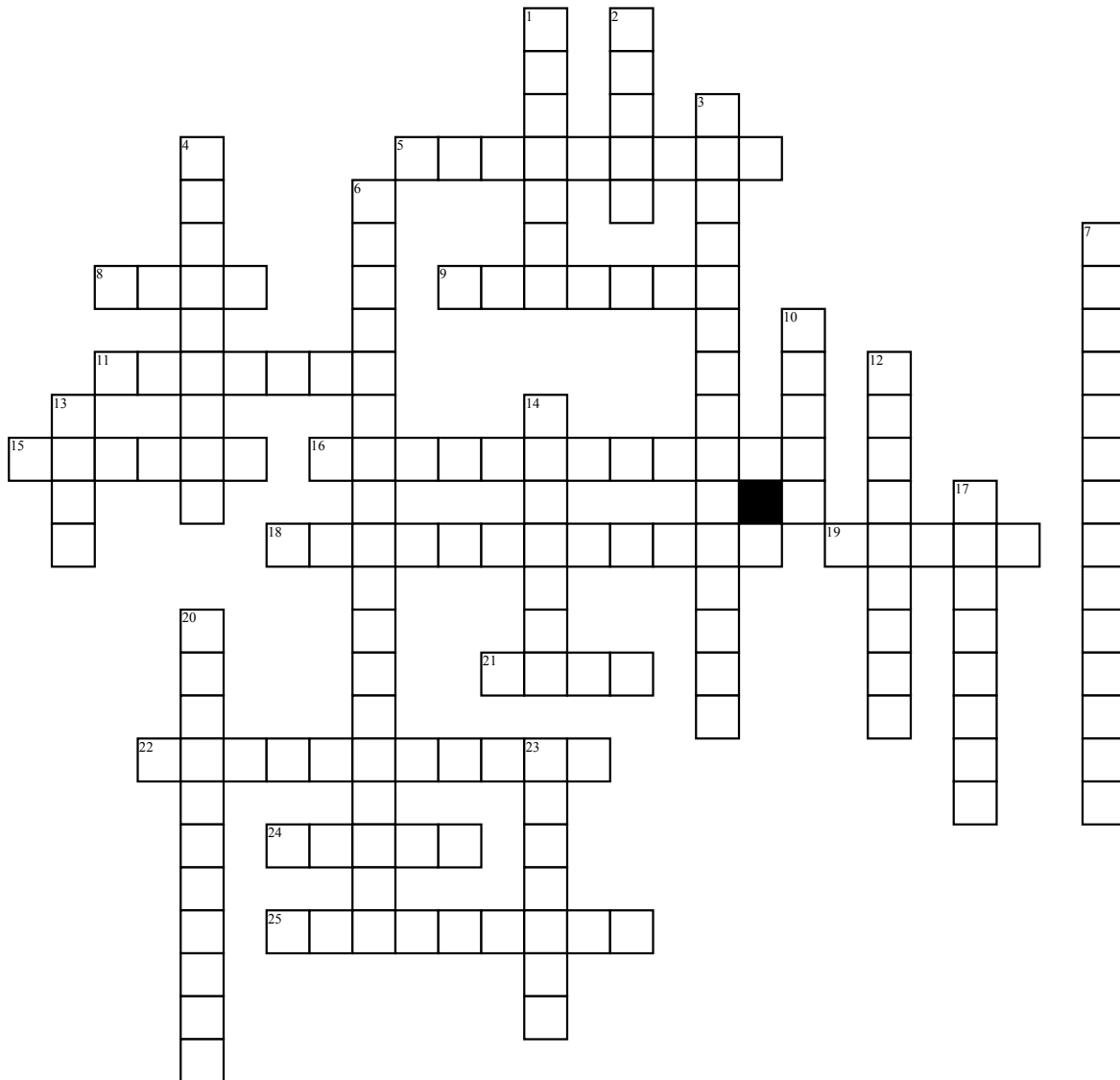


Fibers



Across

- 5. a series of carbon atoms connected by oxygen atoms
- 8. continuous strand of fibers or filaments
- 9. the main protein in all animal including human hair.
- 11. substance that will flow under heat and pressure and can be molded into shapes
- 15. cloth material woven in a distinct manner
- 16. absorption of light at one wave length
- 18. the record of chromatographic separation
- 19. spiral arrangement like a corkscrew of a long chain molecule
- 21. crosswise yarn or thread in a weave

- 22. biochemical polymer formed by linking amino acids

- 24. fabric made up of two or more different types of fiber
- 25. resistance of a fluid to flow

Down

- 1. giant molecule made when monomers are chemically joined together
- 2. to extract one material from another
- 3. a ratio used to characterize and compare components of samples in liquid chromatography.
- 4. substances not composed of hydrocarbons
- 6. colorless dyes that cause blue lights to be reflected
- 7. a method of separating components of mixtures based on absorption of components in a gas, liquid solution

- 10. made up of many filaments twisted or bonded together to form a thread or yarn

- 12. a halolike shadow appearing around an object immersed in a liquid of a different refractive index.

- 13. lengthwise yarn or thread in a weave
- 14. a fabric woven in a distinctive pattern
- 17. single strand of material usually twisted with other filaments to make a thread or fiber
- 20. polymer made up of one type of repeating unit
- 23. physical property of matter