

Exercise 1.74

Which of the following would you characterize as a pure or nearly pure substance? (a) baking powder; (b) lemon juice; (c) propane gas, used in outdoor gas grills; (d) aluminum foil; (e) ibuprofen; (f) bourbon whiskey; (g) helium gas; (h) clear water pumped from a deep aquifer.

Solution

- (a) baking powder - not pure (mixture of many ingredients)
- (b) lemon juice - not pure (mixture of many ingredients)
- (c) propane gas - pure
- (d) aluminum foil - pure
- (e) ibuprofen - pure
- (f) bourbon whiskey - not pure (mixture of many ingredients)
- (g) helium gas - pure
- (h) clear water - pure