

Samuel Evans

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2nd Period

Separating a mixture lab report

Research question-How can I separate a mixture into its original parts?

Introduction-We use different methods to separate the mixtures.

Procedures- First thing we did was that we used the tweezers to pick out the big rocks, then used the magnet to pick up the iron fillings. After that, we used the coffee filter, the beaker, and the dasani water to filter out the sand. Lastly, we boil the salt in a pot using the same dasani water.

Data/Observation:

The salt dissolves in the boiling water, the magnet picks up the fillings, the tweezers pick up the big rocks, and separate the salt from the sand using a filter.

Conclusion:We can separate mixtures using these ways: evaporation, sieving, filtration, magnets, hand tools, and when things float.