Application No. 246: Did you already dissect your breakfast today?

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Does cereal keep its advertised promise?

The labels of cereal boxes often state "contains vitamins and iron". The iron content can be easily verified with magnets.

For this experiment you need the following items:

- a white sheet of paper
- a bowl with cereal
- 6 small disc magnets (www.supermagnete.de/eng/S-05-02-N) arranged next to each other
- a ladle

Now it's time to lay hands on the cereal - mash it with the ladle into tiny crumbs. Empty the crumbs on the sheet of paper.

Then you place the magnets under the paper underneath the crumbs. Slowly move the magnets away from the crumbs. With a little bit of luck you can soon see a silver-grey substance that you can isolate on the side. That is the iron that we need, among other things, for the oxygen transport in our blood. The ad did not lie for once!

If you like, you can still eat the crumbs...

Articles used
6 x S-05-02-N (www.supermagnete.de/eng/S-05-02-N)

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