

The results state that the potato wedge has 0.4 killer calories and the Dorito has 0.3 killer calories, meaning the potato wedge has more energy. However, the difference in temperature of the water could be slightly off as the water could of cooled down in the few seconds before the thermometer was read after being heated.

To also make the experiment more accurate it might be a good idea to burn the food in a container as that way extra heat cannot escape around the metal can.

Discussion

According to the Doritos packet there is 4.96 Kcals per gram. Whereas my results say that there is 0.3 Kcals per 1.69 grams. Therefore, my experiment may be wrong as official packets have been tested by professionals and nationally accurate.

To make my results more accurate I should repeat the experiment at least another three times. This way I have other experiments to check against to notice possible errors.

Conclusion

From my experiment I discovered that the Dorito has less energy and calories than the potato wedge.

Bibliography

<http://www2.hull.ac.uk/li/pdf/Scientific%20Reports.pdf>

Class notes