

**Kaylean Orlowski**

Junior Division Chemistry

*The Dissolution Rate Of Ibuprofen Pills*

The purpose of this experiment was to see what ibuprofen pill dissolves the fastest in hopes to determine which one works best for headaches. My hypothesis was that the roughest and the smallest would dissolve the fastest. The procedure for this experiment was to put all of the ibuprofen pills in four glass beakers, filled with 37 degrees Celsius water. In conclusion my hypothesis was wrong. Instead of the roughest and the smallest pill dissolving fastest, the smoothest and the second biggest dissolved the fastest.