

# Lab assignment for the Software Quality Management course

Ronnie van den Poel and John Stegink

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## 1 Objective

To determine the atomic weight of magnesium via its reaction with oxygen and to study the stoichiometry of the reaction

### 1.1 Definitions

**Stoichiometry** The relationship between the relative quantities of substances taking part in a reaction or forming a compound, typically a ratio of whole integers.

**Atomic mass** The mass of an atom of a chemical element expressed in atomic mass units. It is approximately equivalent to the number of protons and neutrons in the atom (the mass number) or to the average number allowing for the relative abundances of different isotopes. [?]

## 2 Experimental Data

John