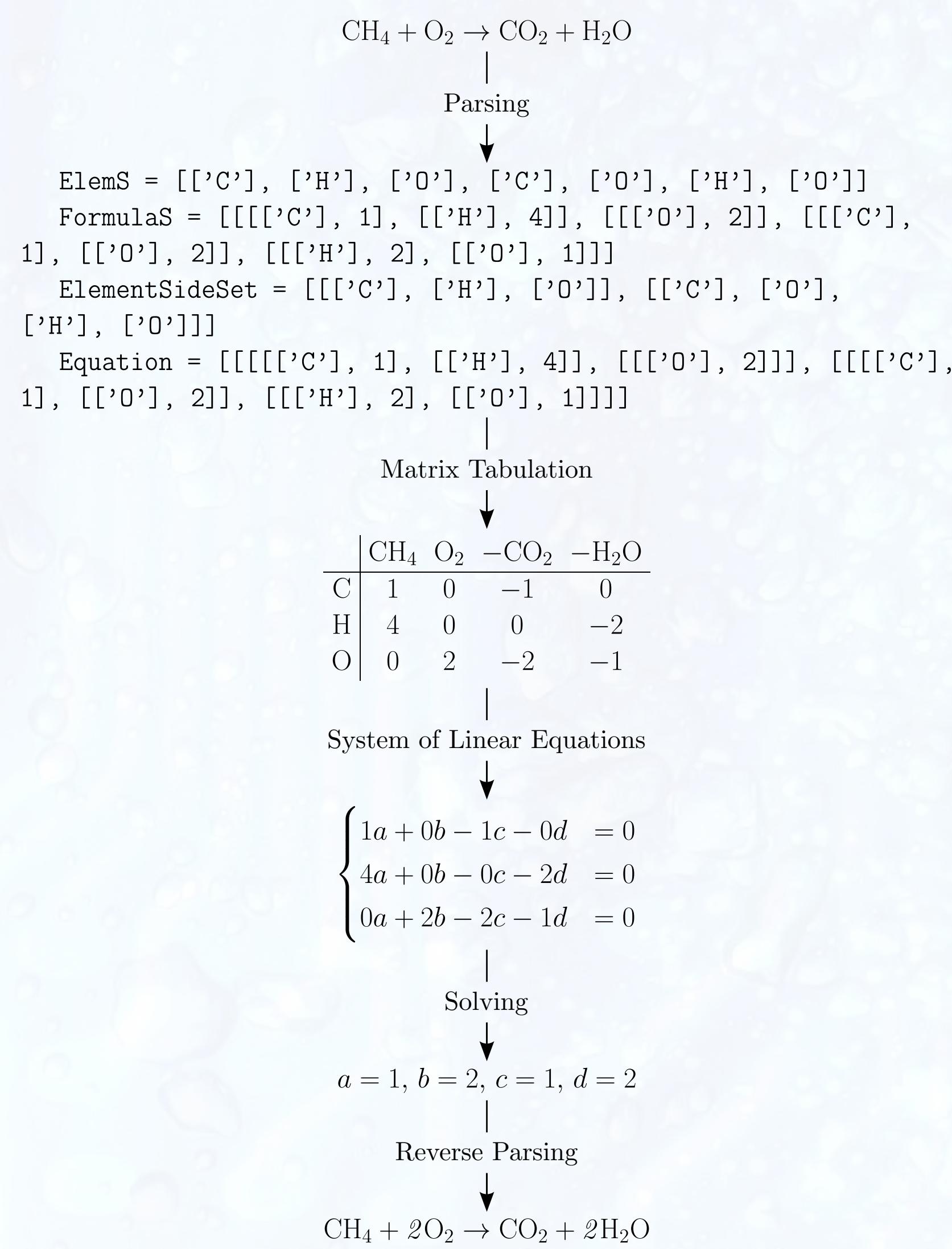
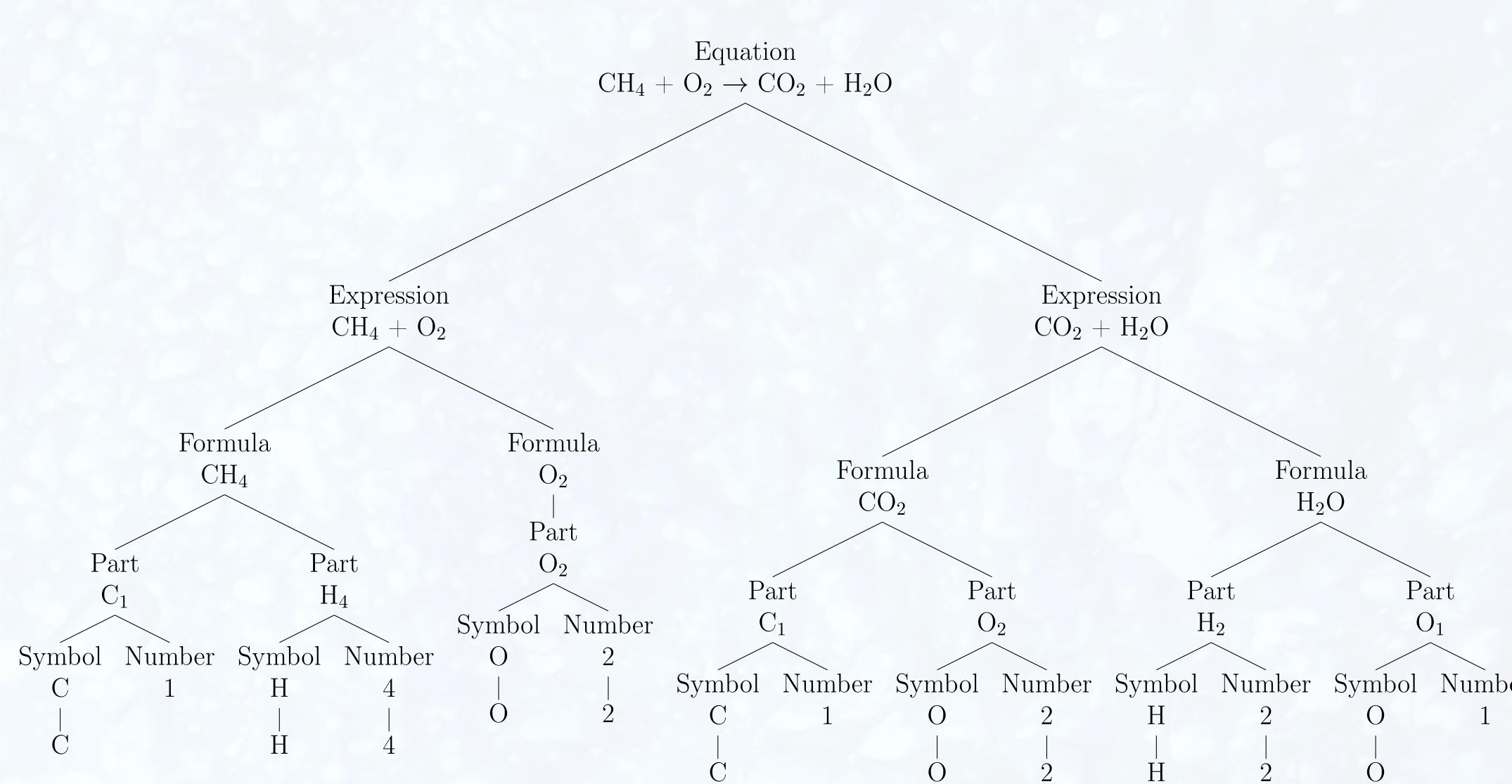


Balancing Chemical Equations

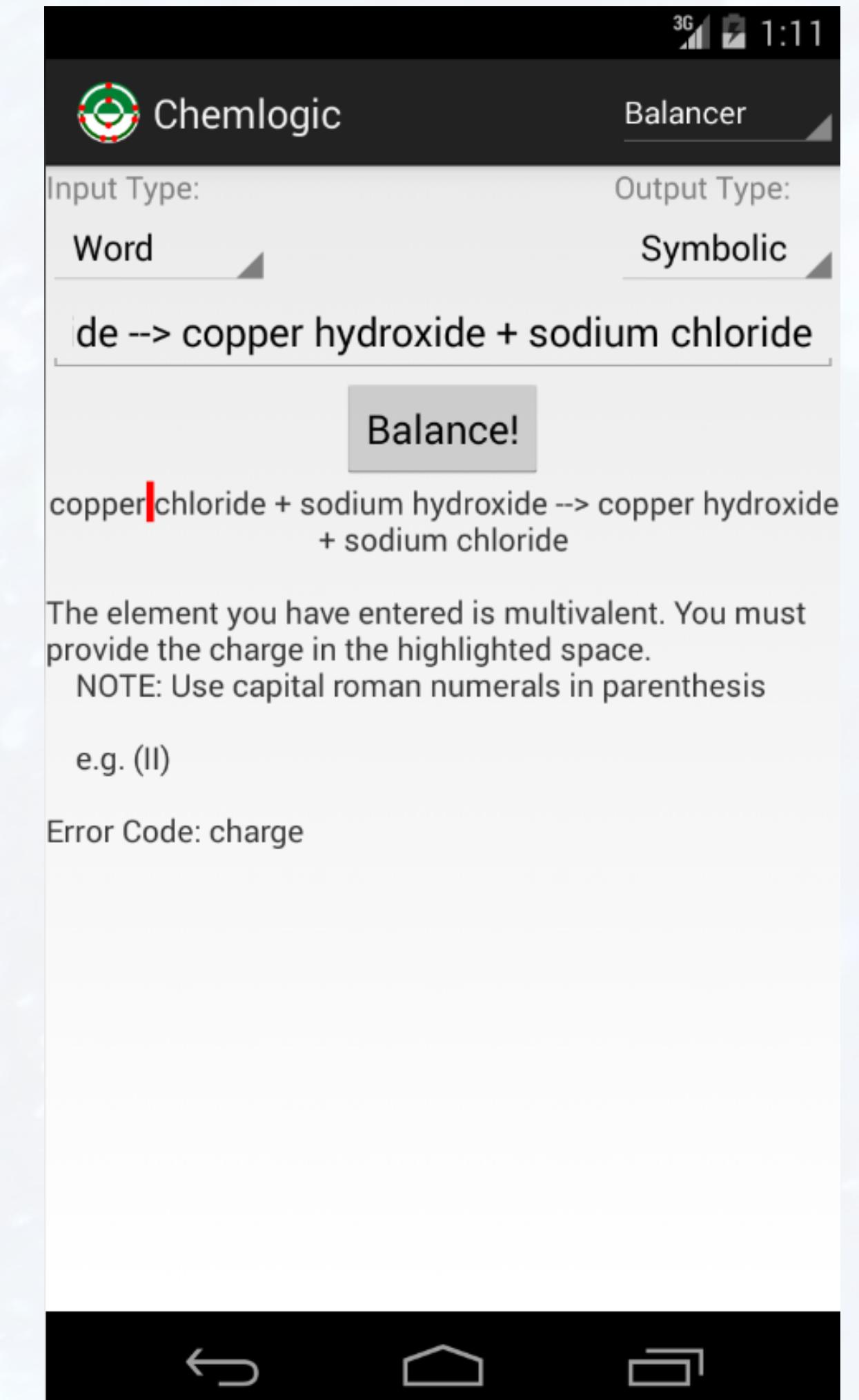
Procedure for Balancing an Equation



The Abstract Syntax Tree for a Chemical Equation

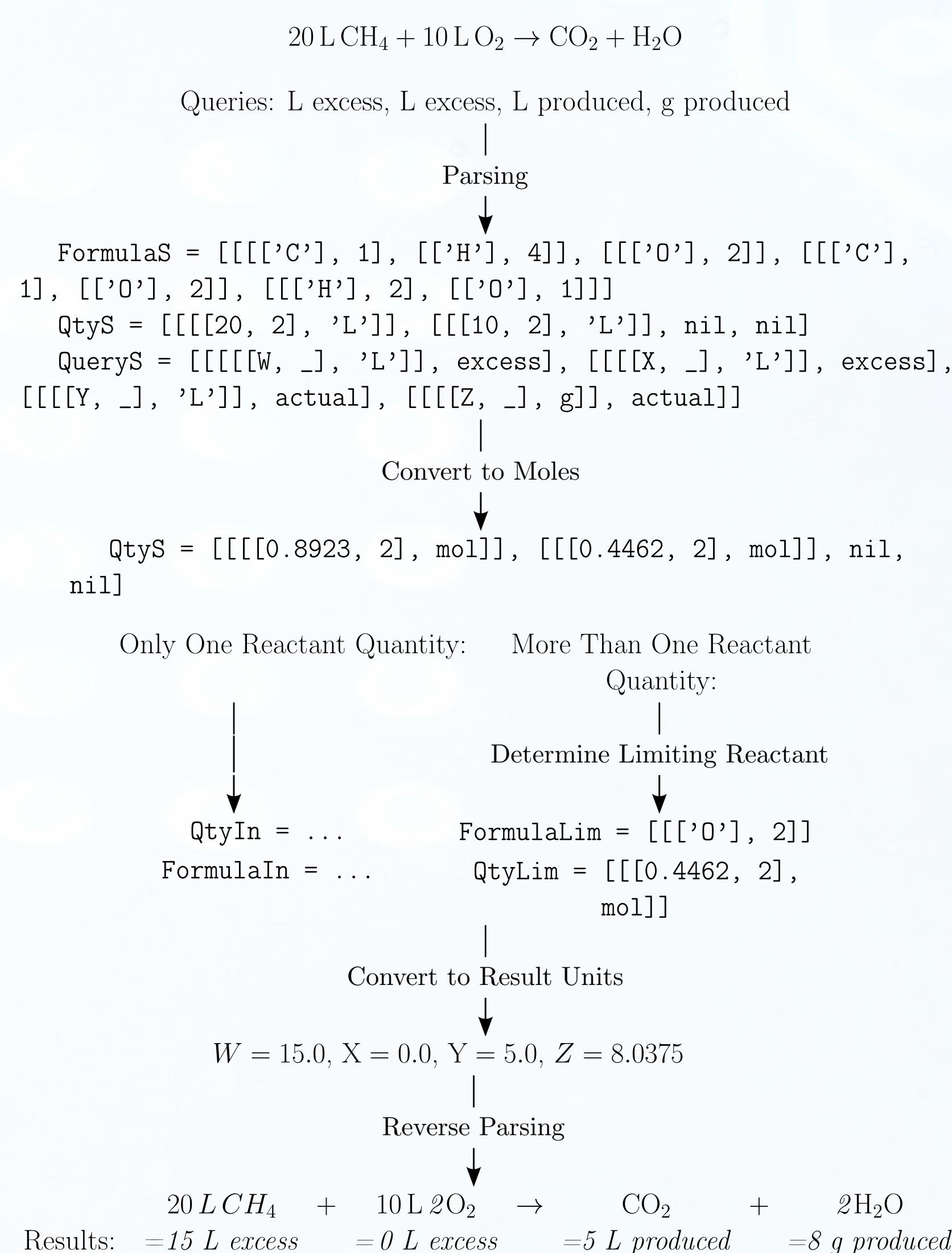


Detecting and Explaining Errors in User Input

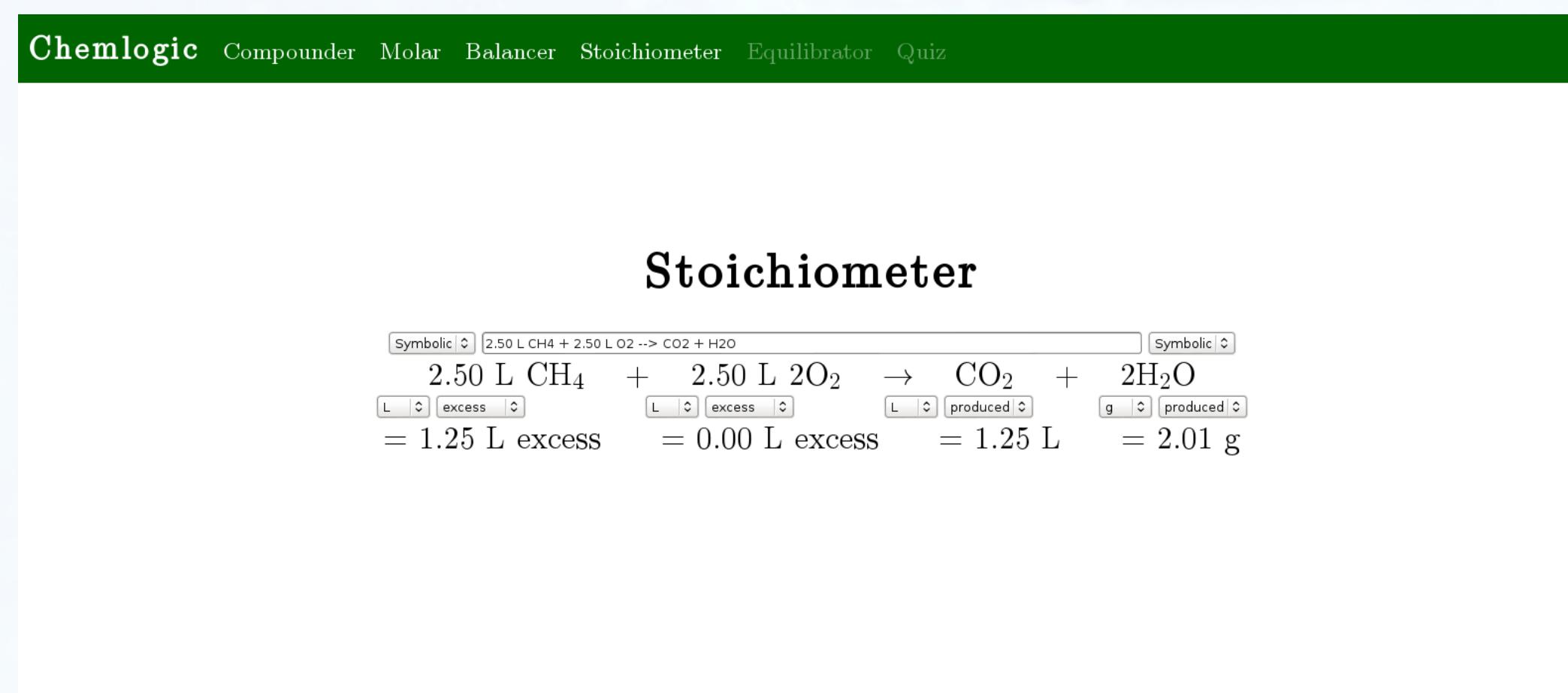


Performing Stoichiometric Calculations

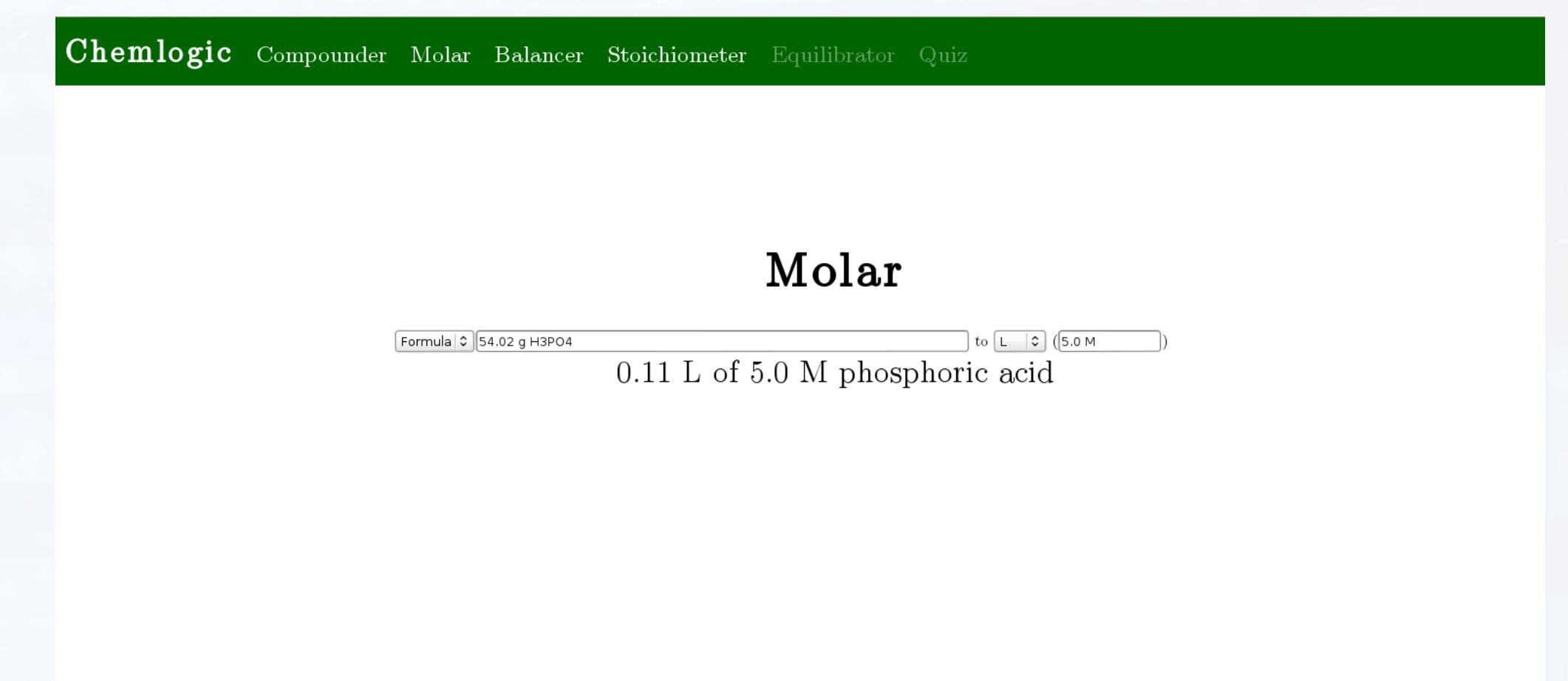
Procedure for Stoichiometric Calculations



Solving a Stoichiometry Problem

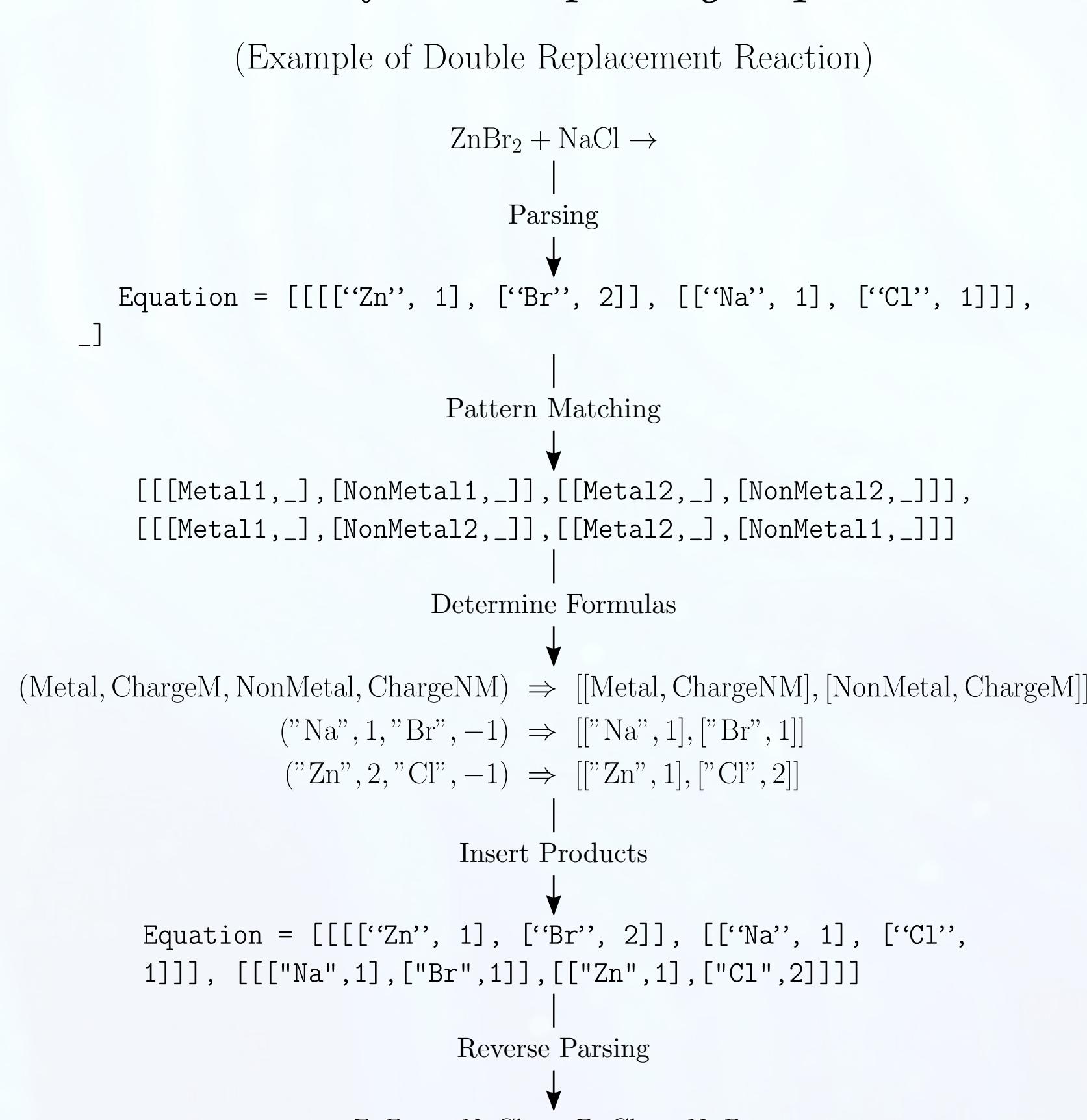


Performing Unit Conversion using Chemlogic

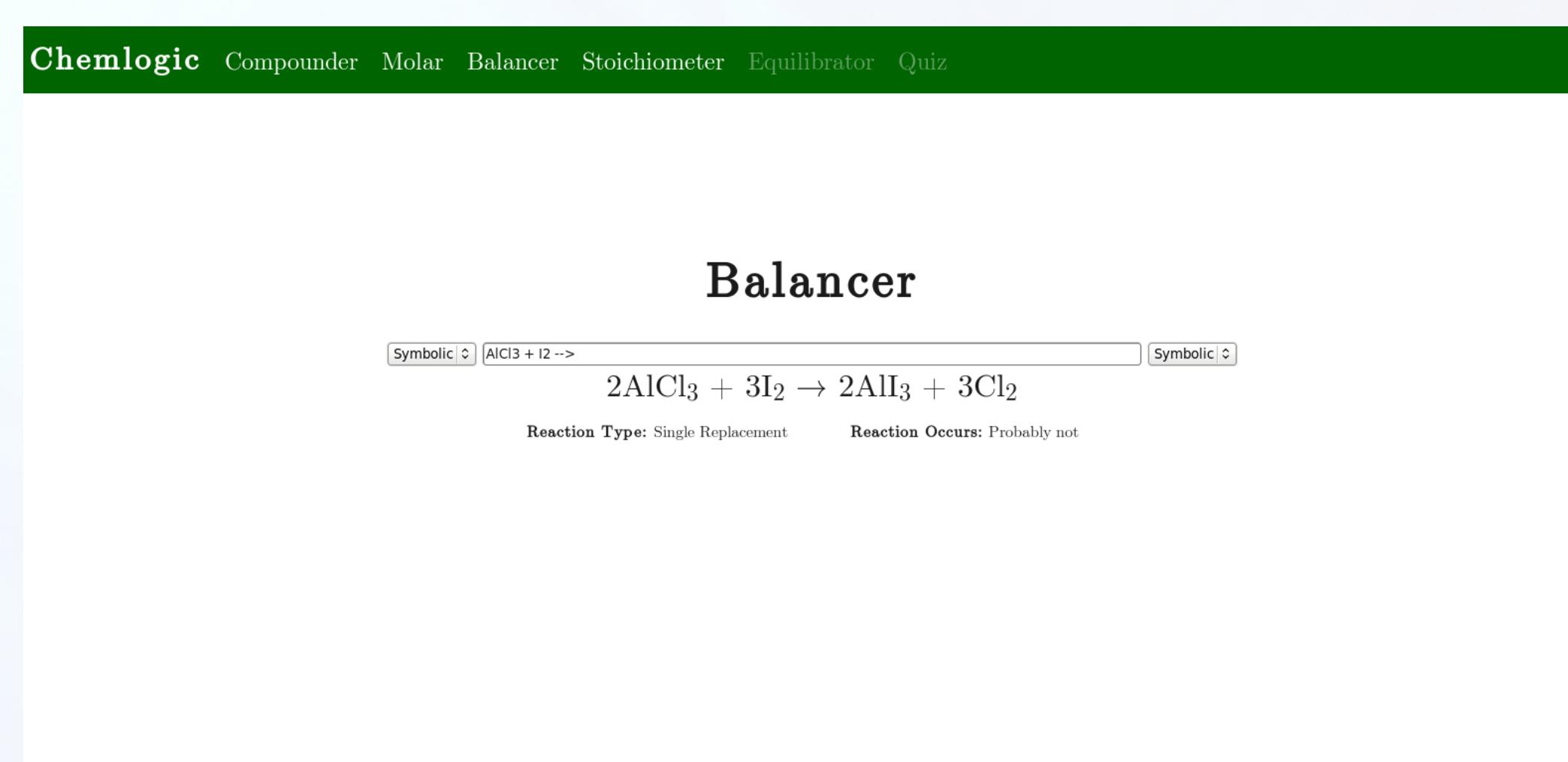


Reaction Type Analysis

Procedure for Completing Equations



Identifying, Completing and Predicting Occurrence of Reaction



Completing an Equation Using the Android App

