

Abstract

This bachelor thesis deals with the issue of teaching chemical calculations and with processing of this topic in chemistry textbooks and overviews for secondary grammar schools. The theoretical part consists of the summary of present valid Czech and selected international curricular documents and technical norms which deal with processing of chemical calculations. The aim of the practical part is the selection of criteria for analysis of content, extent and processing of chemical calculations, an analysis of individual textbooks and chemistry overviews, evaluation of the topic of chemical calculations in individual textbooks, comparison of textbooks and recommendation of suitable adjustments of processing of this topic.