

## **ABSTRACT**

This diploma thesis deals with study of interactions between organic dye phenol red and tensides cetyltrimethylamoniumbromide and benzethoniumchloride with using extraction photometry, UV–VIS spectrofotometry and fluorimetry. There were detected changes in spectra of phenol red in presence of both used surfactants, which were ascribed to a formation of premicellar aggregates as a consequence of significant interactions between the dye and the tensides.