

ABSTRACT

This bachelor's thesis is focused mainly on the verification of methods and on the standardized operating procedures, which are required in the conditions of accreditation. The main purpose of this thesis was a contribution to the elaboration of the laboratory manual and the preparation of the directed documentation, mainly the elaboration of the standardized operating procedures and the verification of methods for the hematological department.

The thesis is divided into the theoretical and the practical part. The theoretical part presents the laboratory and the accreditation process which the Department of the Clinical Biochemistry and Hematology is preparing for. Furthermore, it describes various analyzers from the hematological section of the laboratory and the most frequently executed methods. We created the standardized operating procedures for these methods, verified them and created the verification protocols.

Due to the huge amount of the documents we present here two standardized operating procedures and two verification protocols.