

Abstract

This bachelor thesis relates to an assistance in the preparation of laboratory manuals for the serology section of the Department of Clinical Biochemistry and Hematology, Panocha's hospital, s.r.o. Turnov and other documentation necessary for the accreditation of the laboratory.

Development of manuals and documents takes place in a specialized program, GLP (Good Laboratory Practice). This work deals with the standard operating procedures, validation and verification protocols for the most frequently used methods in the laboratory.

I only show a few of these documents due to the large amount of methods and comprehensive text in them.

The theoretical part deals with general matters relating to the laboratory, validation, accreditation, GLP system and standard operating procedures.

The practical part is focused on practical matters relating to the preparation of laboratory manuals. The progress of verification and the examples of biochemical and immunochemical analysis are also mentioned there.