Student: Alexandros Papadopoulos
Mentor of the thesis: doc. PharmDr. Zdeňka Šklubalová, Ph.D.

Year of the defence: 2014

Title of the thesis: Osmolality of electrolyte infusions

The topic of the thesis was chosen from the list of topic of department
Work with literature very good.
Language skills excellent.
Student invention excellent.
Student worked independently with mentor help.
Problems and issues were solved independently with mentor help.
Work in the lab was very good.
Results interpretation correct with small corrections.
Processing of thesis was correct with mentor corrections.
Graphical processing for the thesis excellent.

Mentor comments to thesis and student approach:
The aim of the thesis was to study the osmotic properties of model infusion electrolyte solutions and to verify some non-consistent data obtained in previous diploma thesis. The noted results of the partial specific and the molal volumes of sodium chloride as well as potassium chloride were improved. Data could be utilized in mutual conversion of concentrations and in calculation of osmotic concentration of parenteral infusion, partially parenteral mixtures. This topic is published only rarely.

Evaluation of diploma thesis: výborná, to defense: recommended

In Hradec Kralove 10.9.2014

Mentor signature