



**Confidential**

**Supervisor's Review of USB RIFCH PhD Thesis**

Surname of the PhD student: Dipl.-Ing. Kateřina Grabicová	Name of supervisor: Assoc. Prof. Dipl.-Ing. Tomáš Randák Ph.D.
Title of PhD thesis: <b>Effects of chemicals present in sewage treatment plants' effluents on fish</b>	

**OVERALL COMMENTARY ON THE PhD THESIS**

Kateřina Grabicová was a very active and creative student in my laboratory during her Ph.D. study (2010-2014). All the work handed to her was completed satisfactorily. Her scientific topic was effects of chemicals present in sewage treatment plants' effluents on fish. She carried out several laboratory and field experiments and follow-up analyses. Work presented in her thesis significantly contributed to our knowledge of presence, fate and effects of pharmaceuticals and personal care products in recipients of "treated" water from sewage treatment plants. Kateřina published the results of performed experiments in 4 peer-reviewed papers in highly reputable journals and presented it at international conferences. All these papers and then one manuscript are included in the PhD Thesis. She completed 3 months of training at analytical laboratory of Department of Chemistry, Umea University, Sweden. The stay was focused on analytical methods development and analysis of environmental samples. She was substantially involved in bachelor students teaching at our faculty. Moreover Kateřina take care for 2 little children and 1 big scientist.

I think that Kateřina has an excellent scientific and teaching potential. From my point of view Kateřina Grabicová is fully qualified for defense of her PhD Thesis.

**FINAL RECOMMENDATION**

- can be recommended for defence of PhD Thesis  
 can be recommended with reservations for defence of PhD Thesis  
 can not be recommended for defence of PhD Thesis

2.5.2014 VODŇANY

Date and place

TOMÁŠ RANDÁK

surname and signature