

The German Federal Institute for Risk Assessment (BfR) is the national institute which prepares expert reports and opinions on questions concerning the safety of food, feed and chemicals, as well as consumer health protection, on the basis of internationally recognised scientific evaluation criteria. It advises the Federal Government and other institutions and interest groups in these areas. The BfR conducts its own research on topics that are closely linked to its assessment tasks. It is an institution with legal capacity within the portfolio of the Federal Ministry of Food and Agriculture (BMEL).

At BfR's Department for Chemicals and Product Safety there is an opening for a

Master/Diploma Thesis
on the topic:

Establishment of a micro emission chamber for the characterization of emissions of volatile organic compounds from consumer products

Starting April 2019 or later.

The following tasks should be performed:

- Comparison of a micro emission chamber with a standard emission chamber using reference materials
- Examination of factors that influence the emission of volatile organic compounds from consumer products
- Measurement of emissions from consumer products such as toys
- Derivation of an exposure assessment for the inhalative uptake
- Independent work on analytical equipment such as GC/MS or emission chambers, data analysis and interpretation of measurement results

Requirements:

- Current master studies in Chemistry, Food Chemistry or a comparable discipline
- Knowledge on modern analytical coupling methods (GC/MS, LC/MS) required, practical experience is a plus
- Ability to work independently and good communication skills
- Fluent in spoken and written English, German is a plus
- Good computer skills as well as conscientious working methods, flexibility and team skills are required

More detailed information is available from Ms Even (Tel.: 030 18412 - 4277; E-Mail: Morgane.Even@bfr.bund.de) using the subject „Graduation work Microchamber“. Please send your application with complete documentation (Resume/CV, cover letter, transcript of records and letter of recommendation).



The BfR welcomes applications from people of all nationalities. The BfR is an innovative scientific institute offering family-friendly working conditions for which it was awarded the “audit berufundfamilie®” (work and family) certificate. The BfR guarantees equal career opportunities for women and men, and is therefore particularly interested in receiving

applications from women. In the case of equal suitability, severely disabled applicants will be given preferential consideration and are only required to have a minimum level of physical suitability.
