

Preparation of sensitive samples (self-preparation in glove boxes)

1. Submit the completed form together with correctly labeled glass vials for the sample containers (crucibles).
 - Do not use chemical formulas for labelling.
 - Use a maximum of 12 characters.
2. The sample containers will be made available for collection according to your needs with or without catalyst (V_2O_5).
3. For **fluorine-containing samples** please weigh in
 - Fluorine content **below 30%**: **0.8 mg – 1.0 mg** of your substance.
 - Fluorine content **above 30%**: **0.5 mg – 0.8 mg** of your substance.
4. For **sulfur-containing samples** please weigh in **1.0 mg – 2.0 mg** of your substance.
5. For **all other samples**, please weigh in **1.5 mg – 2.5 mg** of your substance.
6. Carefully put the small crucible containing the weighed substance together with the catalyst bead into the larger crucible and firmly squeeze the combined sample container.
Should the crucible be damaged or should some of the substance leak out during this procedure, please discard the whole sample and get new sample containers.