**BAG *ex situ* sample submission sheet (1 page limit plus sample table) Please save as <main investigator surname>\_<date of the beamtime>**

**Title: …………………………………………………………..**

**Investigator(s): ……………………………………………………**

**Contact email(s): …………………………………………………………………**

**Name and email of the investigator/s who will attend the experiment if successful: ……………………………………………………………………………………………………………………………………..**

|  |  |
| --- | --- |
| Why is this research important? | Why do you need XAFS investigations/ what information do you expect to have from XAFS? Do you need EXAFS or just the XANES is sufficient? |
| What characterisation do you currently have and what does it show? | What is the current resource in your group for XAFS data analysis? |
| Do you have some specific requirements? (for e.g. air sensitive samples, special cells/treatment, long k-range etc.) |
| Do you have any links with the UK Catalysis Hub? | If you have used the BAG before, what was the outcome? Please provide the BAG reference (month/year) and the reference to the corresponding publication. |

Sample table:

All the intended samples must be included in this table, in the order of priority, **including reference samples**. Only the samples included in this table will be run. **Please use one line per sample, even if it is the same sample under different conditions (or absorption edges).**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **S.No.** | **Sample description** | **wt % (of all elements in the sample)** | **Element/ absorption edge of interest (e.g. Pd K edge, Au L3 edge..)** | **Why is this sample interesting?** | **Sample form (e.g. Pellet/capillary/liquid …)** | **Will this feature in a publication in < 6 months?** |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

Please provide a rough time estimate for your proposal. **(A typical sample in transmission takes** **~15 min and in fluorescence ~30 min)**