**Genesis Solar Wind Sample Request Form**

Research Project Title:

Principal Investigator

|  |  |
| --- | --- |
| Name, printed: | Signature: |

Affiliation and position:

Office address:

Phone:

E-mail:

Co-investigator(s):

**Part 1. Samples Requested**

**Array samples:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Solar wind regime or array designation** | **Substrate type or specimen number** | **Preferred dimensions** | **Minimum dimensions** | **Surface quality** | **Number of samples** |
| (e.g., bulk B/C, coronal mass ejection E, high speed H, interstream low speed L) | (e.g., SAP or 30554) | (e.g., 5x5 mm or 25 mm2) | (e.g., 5x5 mm or 25 mm2) | (good, fair, poor) |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

**Special Samples**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sample type:** | **Substrate type or specimen number** | **Preferred dimensions** | **Minimum dimensions** | **Surface quality** | **Number of samples** |
| (e.g., concentrator target SiC, CVD, DOS, gold foil, polished aluminum) | (e.g., 50683.5) | (e.g., 5x5 mm or 25 mm2) | (e.g., 5x5 mm or 25 mm2) | (good, fair, poor) |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

**Canister/Capsule Reference Material**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sample type:** | **Substrate type or specimen number** | **Preferred dimensions** | **Minimum dimensions** | **Surface quality** | **Number of samples** |
| (e.g., canister white paint) | (e.g., 50683.5) | (e.g., 5x5 mm or 25 mm2) | (e.g., 5x5 mm or 25 mm2) | (good, fair, poor) |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

* Will any requested sample substrate be destroyed during analysis, such that no identifiable material remains to be returned to the curator?
* Special cleaning, handling or packaging requirements: (Details can be negotiated with curator.)

**Part 2. Description of Research Plan and Justification for Sample Request**

Summary (200 words)

Required for solar wind science on solar wind collector material:

1. Science objectives and a description of the analyses to be made: (suggest 1 page):
2. Overall sensitivity, precision, accuracy (suggest 1 page, refer to Appendix A of Genesis Sample Investigator Guidebook):
3. Specify sample handling, cleaning techniques to be applied to samples (suggest 1 page)

**Part 3 (OPTIONAL): List attached references that support this request.**