**CXI Parameter Table (Run 21 Standard Configuration #1)**

If multiple samples are planned, please add rows to the table and list all the samples proposed.

|  |  |  |
| --- | --- | --- |
| **Parameter Table for the CXI Standard Configuration #1** | | |
| **Sample & sample delivery** | **Sample name, description** |  |
| **Sample State (crystalline, solution, etc.)** |  |
| **Sample Temperature (C)** |  |
| **Sample Delivery Method (GDVN, LCP, MESH, mixing jet etc.)** |  |
| **High-resolution jet viewing needed?** |  |
| **Scattering geometry** | **Desired Measurement (SAXS/WAXS/SFX)** |  |
| **Post-sample attenuator needed? Yes/No. Specify** |  |
| **Desired Highest Resolution (Å)** |  |
| **Front Detector Distance (mm)** |  |
| **Desired Lowest Resolution (Å)** |  |
| **Back Detector Needed? Yes/No, Specify Why.** |  |
| **X-ray parameters** | **X-ray Energy (keV)** |  |
| **Optical beam parameters** | **Pump laser needed?** |  |
| **Wavelength (nm)** |  |
| **Pulse duration range?** |  |
| **Maximum pulse energy (µJ)** |  |
| **Focal size (FWHM) (µm)** |  |
| **Minimum fluence on target (mJ/cm2)** |  |
| **Polarization requirements?** |  |
| **Time resolution desired (ps)** |  |
| **X-ray Beam Time** | **Number of shifts**  **[1 shift = 12 hrs]** |  |
| **Any additional comments** | |  |