ISAC Target Loading Data

Target Oven Serial #: 45220-5	Target Oven type: ☑ LP ☐ HP ☐ Oven Only		loaded by: Aaron Schmidt
Target #: Ta #66	Other (Specify):		Date: 20/09/23
(Clean) ☑	Material: ☑ Tantalum ☐ Niobium ☐ Tantalum Carbide	☐ Uranium Carbide ☐ Silicon Carbide ☐ Zirconium Carbide	☐ Other (Specify):
Inspected as per Document-141884 ☑	Relevent Disk/Target Mat'l PO# (For MTR): TR-2022-03028		

Target type checkboxes: ☑ SIS ☐ FEBIAD ☐ FEBIAD CTL IGLIS

Non-actinide ref* info:		Foil/disc count required: 470	Density:
Foil thickness (mm): 0.025mm		Graphite Foil or Tube included: No ☒	(D = M/V) 12.446 g/cm³
Target oven length: 19 mm			Target material Length:
Foils per pack: 20			5.0 cm oak

Number of packs: 6
Pack Weight (g): 16.56g

Pack Layout & Lengths:

Dimensions noted: 2.756", 0.184", 0.984", 2.756"
1mm → 2.5cm, 7.0cm
9.5
3.740"

Foils: 175 | 100 | 100 | 25 | 1

D-flat aligned to central transfer tube

Number of Discs: 350
Disc Weight (g): 45.661

Total disc/foil weight (g): 62.230

*Including foils & wire on packs***
Loaded target weight: 464g w/ End caps

| Post Heat / Conditioning Mass: 463g | Summary/notes: ok | Visual inspection ok: ☑ | Initial: |
| | | | Date: 25/9/23 |