

ISAC Target Materials Batch

Batch # Ta-2023-1

(Material type - Year - #) <--- #1-100. Reset yearly

Prepared by:

Arora, S

Material:

- Tantalum (Ta) Silicon Carbide (SiC) Other (Specify):
- Niobium (Nb) Zirconium Carbide (ZiC)
- Graphite (C) Titanium Carbide (TiC)
- Uranium Carbide (UC) Thorium Oxide (ThO)

Relevant Disk/Target Mat'l PO#'s (For MTR's): TR-2022-03028

(Clean)

Matching lot # / manufacturer's # (if over multiple MTR's): Y / N #:

Target disk properties:

(Averages taken from random batch samples)

Sample:	1	2	3	4	5	6	7	8	9	10	Average
Metal Foil Thickness	0.0014"	0.0013"	0.0013"	0.0012"	0.0012"	0.0013"	0.0013"	0.0013"	0.0012"	0.0013"	0.0013"
Thickness											
No C-Foil											
Mass/disc											
No C-Foil											
Thickness											
w/ C-Foil											
Mass/disc											
w/ C-Foil											
Disc area											
Surface Finish											

Summary/notes:

Visual inspection ok:

Initial: AS

Date: 21/02/2023

