

Radionuclide Analysis Facility
Gamma Analysis Report
 Issued by Ian H. Hoppie

Report Date: July 31, 2015
 Work Request #: 15-203
 Submitted by: Tony Busch on 7/10/15
 Workbook: HPG#2-10, page(s) 143

MI-10 Q103 Area Dosimetry

The Accelerator Division/ES&H Group submitted 14 aluminum tag samples on Work Request# 15-203 for analysis of accelerator produced radionuclides. Each sample was counted on detector HPG#2. The following table lists the radionuclides detected in the samples along with the corresponding specific activities. If a sample activity was reported, it has been corrected to the time of sampling.

SampleID#	Sample Time	Location	Container	Count Info	Mass	Count Date	Radionuclide	Activity (pCi/g)
150708GL01A	10:00	Tag # 6030	Ziplock Bag	7200sec @ 2cm	2.348 g	7/23/15 @ 8:51	Na-22	25 ± 4
150708GL01B	10:00	Tag # 6080	Ziplock Bag	7200sec @ 2cm	2.342 g	7/23/15 @ 11:19	Na-22	15 ± 3
150708GL01C	10:00	Tag # 6082	Ziplock Bag	7200sec @ 2cm	2.344 g	7/23/15 @ 13:42	Na-22	7 ± 2
150708GL01D	10:00	Tag # 6090	Ziplock Bag	7200sec @ 2cm	2.360 g	7/24/15 @ 7:40	Na-22	11 ± 2
150708GL01E	10:00	Tag # 6252	Ziplock Bag	7200sec @ 2cm	2.342 g	7/24/15 @ 10:02	Na-22	11 ± 2
150708GL01F	10:00	Tag # 6270	Ziplock Bag	7200sec @ 2cm	2.338 g	7/24/15 @ 12:53	Na-22	2 ± 1
150708GL01G	10:00	Tag # 6403	Ziplock Bag	7200sec @ 2cm	2.345 g	7/27/15 @ 12:22	Na-22	18 ± 3
150708GL01H	10:00	Tag # 6405	Ziplock Bag	7200sec @ 2cm	2.345 g	7/28/15 @ 7:50	Na-22	4 ± 1
150708GL01I	10:00	Tag # 6433	Ziplock Bag	7200sec @ 2cm	2.344 g	7/28/15 @ 12:48	Na-22	5 ± 1
150708GL01J	10:00	Tag # 6444	Ziplock Bag	7200sec @ 2cm	2.338 g	7/29/15 @ 7:59	Na-22	4 ± 1
150708GL01K	10:00	Tag # 6555	Ziplock Bag	7200sec @ 2cm	2.302 g	7/30/15 @ 10:59	Na-22	3.2 ± 0.9
150708GL01L	10:00	Tag # 6710	Ziplock Bag	7200sec @ 2cm	2.352 g	7/29/15 @ 10:31	Na-22	2.0 ± 0.8
150708GL01M	10:00	Tag # 6731	Ziplock Bag	7200sec @ 2cm	2.346 g	7/29/15 @ 12:55	Na-22	1.3 ± 0.9
150708GL01N	10:00	Tag # 6750	Ziplock Bag	7200sec @ 2cm	2.344 g	7/30/15 @ 8:06	Na-22	1.3 ± 0.7

cc: Accelerator Division Distribution List D. Cossairt E. Korzeniowski
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