

Radionuclide Analysis Facility

Gamma Analysis Report

Issued by Meka E. Francis

Report Date: [May 2, 2017](#)
 Work Request #: [17-143](#)
 Submitted by: [Dale White on 4/28/17](#)
 Workbook: [HPGe#2-12, page\(s\) 28](#)

E-Gun Rad Analysis

The ESH&Q/RPE/RCT Team submitted 2 aluminum tag samples on Work Request# 17-143 for analysis of accelerator produced radionuclides. Each sample was counted on detector HPGe#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)
170418JZ01	15:30	MI-622 Electron Gun, Tag 6707	None	7200sec @ 4cm	2.342 g	4/28/17 @ 11:48	Na-22	8 ± 2
170418JZ02	15:30	MI-622 Alcove Wall, Tag 6725	None	7200sec @ 4cm	2.352 g	4/28/17 @ 14:02	Na-22	6 ± 2

cc: ESH&Q/RPE/RCT Distribution List B. Brown
 ESH&Q/RPS/RAF Distribution List