



Radionuclide Analysis Facility
Gamma Analysis Report
Issued by Vernon Cupps

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Work Request #: 11-181
Submitted by: Bruce Brown on 7/26/11
Workbook: P-HPGe #1-10, page(s) 63

MI C-307 Collimator

The Accelerator Division/ES&H Group submitted 1 aluminum tag sample, on Work Request# 11-181, for analysis of accelerator produced radionuclides. The sample was counted on detector P-HPGe#1.

The following table lists the radionuclides detected in the sample, along with the corresponding specific activity. If a sample activity was reported it has been corrected back to the time of sampling.

SampleID#	Location	Container	Count Info	Mass/Vol.	Count Date	Radionuclide	Activity (pCi/g)
110726BB05	MI Coll C-307 [Al#1612](Unshielded)	None	7200sec @ 4cm	3.236 g	8/18/11 @ 10:01	Be-7	712 ± 115
						Co-57	3.67 ± 1.21
						Co-58	11.5 ± 4.1
						Cr-51	95.9 ± 40.7
						Mn-52	98.4 ± 28.5
						Mn-54	19.1 ± 4.5
						Na-22	355 ± 55
						Sc-46	13.2 ± 2.8
						V-48	53.2 ± 8.4