

Leak Test Record  
NRC License 52-25430-01

*Att: Jenny Johnson*

Leak Tested For: Lagan de Puerto Rico  
 Leak Tested By: David Rhoe  
 Standard Source: Cs-137 Lot 079  
 Standard Activity: 0.1 uCi Nominally  
 Date of Standard: Nov. 1, 1986  
 Date of Leak Test: 1-Jun-10  
 Decay Activity: 0.05799 From decay chart  
 Standard (dpm): 128737.8

*52-31080-01  
03037011*

Instrument: Beckman Gamma  
 Instrument Model Number: 5500  
 Instrument Serial Number: 8044788

Standard (cpm) 35632  
 Efficiency: 0.27678 27.7 %  
 Counting time (minutes) 1  
 Background (cpm) 101  
 Minimum Detectable Activity: 2.313E-05

Wipe (Smear) Test: All external or accessible surfaces of the source or housing are wiped with a piece of filter paper or other absorbent material which has been moistened with an appropriate solvent and the activity removed is measured.

	Gamma	
Source ID and Serial Number	Wipe Test	Sample Activity
Am-241 & Cs-137 Troxler Sn35024	112	0.00018

This test reveals that 0.005 microcuries or less was present as removable contamination. Should the removable contamination exceed 0.005 microcuries, the source must be removed from use and necessary measures taken according to NRC regulations.

*David Rhoe*  
 David Rhoe Health/Medical Physicist

**REC'D IN LAT** JUN - 7 2010

*144587*  
 NMSS/RGN1 MATERIALS-002

Leak Test Record  
NRC License 52-25430-01

*Att: Jenny Johansen*

Leak Tested For: Lagan de Puerto Rico  
Leak Tested By: David Rhoe

Standard Source: Cs-137 Lot 079  
Standard Activity: 0.1 uCi Nominally  
Date of Standard: Nov. 1, 1986

Date of Leak Test: 1-Jun-10 ←  
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Efficiency: 0.27678 27.7 %  
Counting time (minutes) 1  
Background (cpm) 101  
Minimum Detectable Activity: 2.313E-05

Wipe (Smear) Test: All external or accessible surfaces of the source or housing are wiped with a piece of filter paper or other absorbent material which has been moistened with an appropriate solvent and the activity removed is measured.

Source ID and Serial Number	Gamma	
	Wipe Test	Sample Activity
Am-241 & Cs-137 Troxler Sn30301	114	0.00019

This test reveals that 0.005 microcuries or less was present as removable contamination. Should the removable contamination exceed 0.005 microcuries, the source must be removed from use and necessary measures taken according to NRC regulations.

  
David Rhoe Health/Medical Physicist