



**Radiation Center**

Oregon State University, 100 Radiation, Corvallis, Oregon 97331-5903  
T 541-737-2341 | F 541-737-0480 | <http://radiationcenter.oregonstate.edu>

May 1, 2015

Abe Fleishman  
Northstar Glassworks, Inc  
PO Box 230488  
Tigard, OR 97281-0488

Mr Fleishman,

The OSU Radiation Center received your approximately 3 x 3 x 1 inch thick 1% uranium glass sample for alpha, beta and gamma testing. It was assigned project number 2030. The sample was tested for removable contamination, wet and dry swipe sample, and direct radiation readings. The results follow:

Removable contamination

MPC 900 Gas Flow Proportional Counter (10 minute count time):

Gross alpha < 0.76 cpm

Gross beta/gamma < 11.2 cpm

These results are below the lower limit of detection at the 95% confidence limit.

Direct radiation readings:

Alpha (Ludlum Model 16 with alpha probe): no reading

Beta/gamma (Bicron Surveyor 50 SN A017A): 5000 cpm

Dose rate (Bicron MicroRem SN B957H): 13  $\mu$ rem

There is no removable contamination from this sample or direct alpha readout. The beta/gamma and dose rate readings are above background levels; however, there are no external health hazards associated with these results.

Regards,

A handwritten signature in black ink, appearing to read "Scott A. Menn".

Scott A. Menn Ph.D.  
Senior Health Physicist  
OSU Radiation Center