PerkinElmer

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PerkinElmer®

Date: 3/18/11

Office of Federal & State Materials and
Environmental Management Programs
Division of Materials Safety and State Agreements
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001
Attn: Richard K. Struckmeyer

Docket #: 030-13133
Mail Control #: 574199
License # 12-04933-06E

Dear Mr. Struckmeyer:

In accordance with your guidance provided in emails following our February 18, 2011 submission, we have modified our license application to acknowledge that we have reviewed and verified that our current license amendment 13 and listed license documents accurately represent the current radiation safety program and the products currently distributed, except for the item included with this response for addition to our license.

We have included as part of this renewal application the current information to cover the exempt distribution of the following part number: 60000774, 2100 Luminescence Adjustment Plate. Detailed distribution information is provided for this part number, similar to the information provided in past documents to demonstrate compliance with the regulations.

We believe that this response should be complete and meets the requirements as you requested in the email responses. If you have any further questions or need further information you can contact me for assistance at 630-322-5202.

Sincerely,

R. Haines

Rick Haines
RSO

Item 5.

6. Byproduct, source, and/or special nuclear material	7. Chemical and/or Physical form	8. Maximum amount that license may possess at any one time under this license.
As specified in section 30.71, schedule B, 10CFR Part 30	Check sources and calibration standards	See list below. Total possession limit controlled by IEMA license.

60000774	C^{14}	Liquid	2100 Luminescence Adjustment Plate	6.0 uCi (^{14}C)

PerkinElmer 2200 Warrenville Road, Downers Grove, IL 60515 Tel. No. 630 969-6000 Fax No. 630 322-5510

PerkinElmer®

TEST PLATE
for Envison's 2100 Luminescence Adjustment Plate

Product No. 60000774

Lot No. 1468366

CERTIFICATE

Product description

60000774 Test plate is a service tool which includes four luminescence samples containing labeled [^{14}C] palmitic acid in an inorganic fluorescence powder in a sealed capsule.

The total Carbon-14 activity of the luminescence sample is less than 250 kBq

Specification

The samples are made of inorganic fluorescent powders, some of which mixed with a non-fluorescent material in order to attenuate the photoluminescence signal. This batch was tested using a reference Victor™ X5 Multilabel Reader. The signal levels of each sample are strongly instrument dependent; therefore, any universal signal levels cannot be defined. Nor can the samples be compared to any of the known reference standards. Because the plate will be delivered along with an instrument, the plate will be measured at the factory with the appropriate instrument, and an individual signal data sheet will be attached to this certificate. For other instruments, the signal levels will be determined by measuring the plate at the customer's site.

Product use

The 60000774 test plate is restricted to EnVision service purposes only. The luminescence sample is intended to use with EnVision for the calibration of the plate carrier straightness. For specific instructions on use of luminescence sample with Envision, the service manual should be consulted.

Precautions for storage and use

The Luminescence Adjustment Test Plate should be kept inside the package except while measuring. The package should be stored in a dry place at room temperature.

Handle the plate with care. If the plate breaks down and some of the inorganic powder is released from the samples, be aware that the powders might be harmful if inhaled or swallowed.

Radioactive Material – Not for Human Use. Introduction into foods, beverages, cosmetics, drugs, or medicinal, or into products manufactured for commercial distribution is prohibited. Exempt quantities should not be combined.

Approved by: _____ Date: _____

Chemist

CN 8845366

Luminescence Adjustment Test Plate 60000774

Plate ID	5	Assay Information	Assay No. from Victor: 1468
Date Counted	Dec. 2, 2010	Expiration Date	Dec. 2013

Luminescence Samples

	Position 1	Position 2
CPS	47255	46540
	21684	35454
	Position 3	Position 4

Control Limits	
Lower Limit	Upper Limit
15000	150000