LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF ENVIRONMENTAL COMPLIANCE
RADIATION LICENSING
P.O. BOX 4312
BATON ROUGE, LOUISIANA 70821-4312

RADIOACTIVE MATERIAL LICENSE

Pursuant to the Louisiana Environmental Quality Act (Louisiana Revised Statutes 30:2101 et seq.) and the Louisiana Radiation Regulations, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, own, possess and transfer radioactive material for the purpose(s) and at the place(s) designated below. This license shall be deemed to contain the conditions specified in the Louisiana Revised Statutes 30: 2105 of the Louisiana Nuclear Energy and Radiation Control Law, and is subject to all applicable rules, regulations, and orders of the Department now or hereinafter in effect, including the Louisiana Radiation Regulations (LAC 33:XV) and to any condition specified in the license.

LICENSEE	LICENSE NUMBER	EXPIRATION DATE
Louisiana Department of Health and Hospitals OPH-DOLS Central Lab 3101 West Napoleon Avenue Metairie, Louisiana 70001	LA-1320-L01A	November 30, 2018
	PREVIOUS AMENDMENTS ARE VOID AMENDMENT NUMBER 6	AI NUMBER 25764
	THIS LICENSE ISSUED PURSUANT TO AND IN ACCORDANCE WITH Full Submittal	
Attention: Stephen J. Martin, Ph.D., RSO.	SIGNED BY: Stephen J. Martin, Ph.D., RSO	DATE: November 19, 2013

RADIOISOTOPE ELEMENT	MASS NO.	MAXIMUM NUMBER OF SOURCES	MAXIMUM ACTIVITY OR QUANTITY PER SOURCE*	SEALED SOURCE IDENTIFICATION CHEMICAL FORM—PHYSICAL STATE	STORAGE CONTAINER OR EXPOSURE DEVICE	AUTHORIZED USE
Any 3-241		Total	1 mCi	Standards–Any Physical Form, Liquid or Solid		Calibration or Reference Standard
H	3	12	130 mCi	U. S. Radium Corp. Model LAB 508-2	Custom Plated Detector Cells	Gas Chromatography
C	14	Total	1 mCi	Liquid or Solid		In Vitro Studies
Ni	63	12	15 mCi	U. S. Radium Corp. Model LAB-784; New England Nuclear Model NER-004; or Dupont/Merck or Amersham Corp. Custom Plated Sources	Custom Plated Detector Cells	Gas Chromatography
I	125	Total	1 mCi	Liquid or Solid		In Vitro Studies

1. Radioactive material shall be used and stored only at:

   Louisiana Health and Human Resources Administration
   Division of Health, and Division of Laboratory Services
   3101 West Napoleon Avenue
   Metairie, Louisiana 70001

   AI No. 25764

*pCi-picocurie; µCi-Microcurie; mCi-Millicurie; Ci-Curie

Cheryl Sonnier Nolan
Assistant Secretary

DATE 10 Jan 2014

2. Radioactive material shall only be used by employees of this licensee, who have received specific instruction in the use of the devices and in radiation protection by the manufacturer or by persons approved by the Department, an Agreement State, or the U. S. Nuclear Regulatory Commission, and have been designated by the Radiation Safety Officer of this license.

3. The Radiation Safety Officer for this license is Stephen J. Martin, Ph.D.

4. Radioactive materials shall not be administered internally or applied externally to humans.

5. Records shall be kept showing the receipt and disposal of all radioactive material.

6. Contamination surveys shall be performed at intervals not to exceed one (l) week. Records shall be kept in units of microcuries and maintained for inspection by the Division.

7. The licensee shall report, to the Department, within ten (10) days of occurrence, any irregularities pertaining to identification, labeling, quality or assay of any radiopharmaceutical received under the authority of this license.

8. Detector cells containing Hydrogen-3 foil shall only be used in conjunction with a properly operating temperature control mechanism which prevents foil temperatures from exceeding 225°C.

9. Detector cells containing Nickel-63 foil shall only be used in conjunction with a properly operating temperature control mechanism which prevents foil temperatures from exceeding 400°C.

10. In lieu of using the conventional radiation caution colors (magenta or purple on yellow background), as provided in LAC 33:XV.450, the licensee is hereby authorized to label detector cells and cell baths containing radioactive material used in gas chromatography devices with conspicuously etched or stamped radiation caution symbols without a color requirement.

11. Detector cells containing radioactive material shall not be opened or cleaned by the licensee.

12. A. Leak tests shall be conducted in accordance with LAC 33:XV.426.

    B. The periodic leak tests required by LAC 33:XV.426 do not apply to the sealed sources that are stored and not being used. The sources excepted from this test shall be tested for leakage prior to use or transfer to another person, unless they have been leak tested within six (6) months prior to the date of transfer or use.

    C. Leak test intervals may be extended to twelve (12) months or three (3) years for those devices which have been authorized by the Department, an Agreement State, a licensing state or the Nuclear Regulatory Commission. For those devices, the licensee must maintain documentation from the manufacturer to support the twelve (12) month or three (3) year authorization.

13. The licensee is authorized to transport licensed material in accordance with the provisions of LAC 33:XV.Chapter 15, "Transportation of Radioactive Material."

14. If, in an emergency, it becomes necessary for the licensee to evacuate the facility at which radioactive material is stored, it shall be the responsibility of the licensee to notify the Office of Environmental Compliance (225) 219-3041 prior to leaving. The licensee shall submit a detailed description of how the storage location was secured prior to leaving and the licensee's temporary address, phone number(s) or other means of being contacted. This information shall be kept updated until the licensee is able to return to the licensed storage location.

15. Except as specifically provided otherwise by the license, the licensee shall possess and use radioactive material described in all schedules of this license in accordance with LAC 33:XV and statements, representations and procedures contained in the licensee's application (complete submission) dated November 19, 2013, and in all subsequent correspondence.

CSN:MB