

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 37, 39, 40, 70, and 71, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

<p>Licensee</p> <p>1. Housey Pharmaceutical Research Laboratories, LLC</p> <p>2. 16800 West Twelve Mile Road Suite 201 Southfield, MI 48076</p>	<p>In accordance with application dated April 12, 2016,</p> <p>3. License number 21-32481-01 is renewed in its entirety to read as follows:</p> <p>4. Expiration date October 31, 2018</p> <p>5. Docket No. 030-36425 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Hydrogen-3</p> <p>B. Carbon-14</p> <p>C. Sulphur-35</p> <p>D. Phosphorus-32</p>	<p>7. Chemical and/or physical form</p> <p>A. Any bound/non-volatile</p> <p>B. Any</p> <p>C. Any</p> <p>D. Any</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 50 millicuries</p> <p>B. 50 millicuries</p> <p>C. 50 millicuries</p> <p>D. 5 millicuries</p>
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9. Authorized use:
A through D. Possession and storage in standby. The license must be amended prior to any use.

CONDITIONS

- 10. Licensed material may be used or stored only at the licensee's facilities located at 16800 West Twelve Mile Road, Southfield, Michigan.
- 11. The Radiation Safety Officer for this license is Gerard M. Housey, M.D., Ph.D.
- 12. Licensed material shall be used by, or under the supervision of Gerard M. Housey, M.D., Ph.D.
- 13. Licensed material shall not be used in or on human beings.
- 14. The licensee shall not use licensed material in field applications where activity is released except as provided otherwise by specific condition of this license.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
21-32481-01

Docket or Reference Number
030-36425

Amendment No. 03

15. The licensee is authorized to hold radioactive material with a physical half-life of less than or equal to 120 days for decay-in-storage before disposal in ordinary trash provided:
- A. Before disposal as ordinary trash, byproduct material shall be surveyed at the container surface with the appropriate meter set on its most sensitive scale and with no interposed shielding to determine that its radioactivity cannot be distinguished from background. All radiation labels shall be removed or obliterated.
- B. A record of each disposal permitted under this License Condition shall be retained for three years. The record must include the date of disposal, the date on which the byproduct material was placed in storage, the radionuclides disposed, the survey instrument used, the background dose rate, the dose rate measured at the surface of each waste container, and the name of the individual who performed the disposal.
16. This license does not authorize commercial distribution of licensed material.
17. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. This license condition applies only to those procedures that are required to be submitted in accordance with the regulations. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Application dated April 12, 2016 (ML16117A315)
- B. Letter dated October 14, 2016 (ML16292A818)

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date OCT 21 2016

By

Cassandra F. Frazier
Cassandra F. Frazier
Materials Licensing Branch
Region III