

U.S. NUCLEAR REGULATORY COMMISSION

**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 style="text-align: center;">Licensee</p> <p>1. Aurora Animal Care, Inc. dba Aurora Animal Clinic</p> <p>2. 1651 College Road Fairbanks, AK 99709</p>		<p>In accordance with letter dated April 28, 2022; application dated May 03, 2022; and letter dated September 20, 2022,</p>	<p>4. Expiration Date: September 30, 2037</p>
		<p>3. License No.: 50-35679-01</p>	<p>5. Docket No.: 030-39313 Reference No.:</p>
<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Tin-117m</p>	<p>7. Chemical and/or physical form</p> <p>A. Colloid</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 6 millicuries maximum per procedure and 200 millicuries total</p>	<p>9. Authorized use</p> <p>A. For use of Synovetin OA in veterinary medicine for the treatment of osteoarthritis in dogs.</p>



**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License No.: 50-35679-01

Docket or Reference No.:  
030-39313

## CONDITIONS

10. Licensed material shall be used or stored at the licensee's facilities located at: 1651 College Road, Fairbanks, Alaska, 99709
11. The Radiation Safety Officer (RSO) for this license is Eric Hooper, MS.
12. Licensed material shall only be used by, or under the supervision of:
- | <u>Authorized Users</u> | <u>Material and Use</u>                   |
|-------------------------|---|
| Barbara Cole, DVM       | SN117M; For veterinary therapy procedures |
13. 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, the waste shall be surveyed at the container surface with the appropriate survey instrument 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, except for radiation labels on materials that are within containers and that will be managed as biomedical waste after they have been released from the licensee.
- B. A record of each such disposal permitted under this license condition shall be retained for 3 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.
14. The licensee shall not use the licensed material in or on humans.
15. Experimental animals, or the products from experimental animals, that have been administered licensed material shall not be used for human or animal consumption.

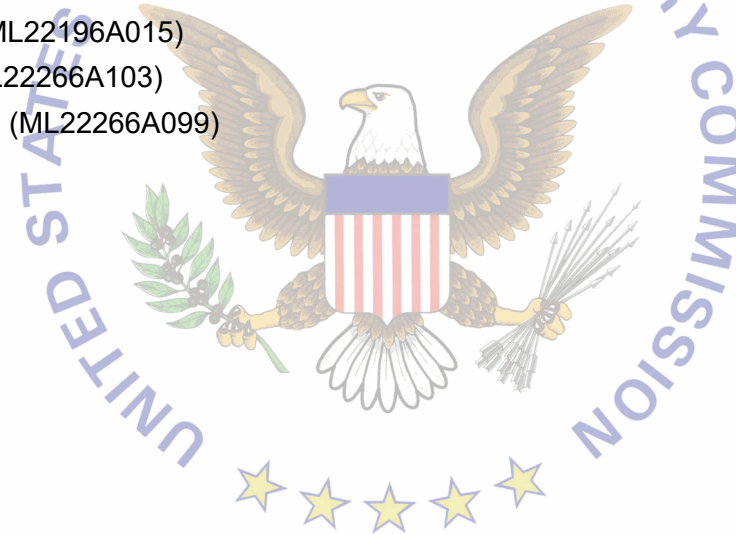
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16. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. This license condition applies only to those statements, representations, and 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 impose on the licensee requirements that are more restrictive than or in addition to the regulations.

- A. Application dated May 3, 2022 (ML22196A015)
- B. Letter dated August 11, 2022 (ML22266A103)
- C. Letter dated September 20, 2022 (ML22266A099)



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: September 26, 2022By: \_\_\_\_\_  
Casey Alldredge  
Region 4