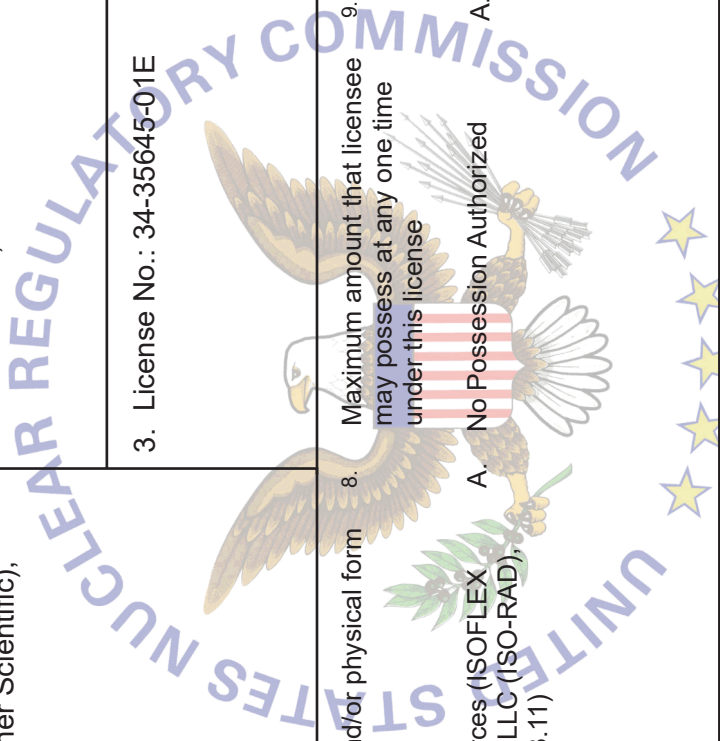


U.S. NUCLEAR REGULATORY COMMISSION

**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>Licensee 1. Thermo Eberline, LLC (dba Thermo Fisher Scientific), 2. One Thermo Fisher Way, Oakwood Village, OH 44146</p>	<p>In accordance with application dated June 29, 2021</p>	<p>4. Expiration Date: November 30, 2036</p>
<p>3. License No.: 34-35645-01E</p>	<p>5. Docket No.: 030-39278 Reference No.:</p>	<p>6. Byproduct, source, and/or special nuclear material A. Barium-133</p> <p>7. Chemical and/or physical form A. Sealed Sources (ISOFLEX Radioactive LLC (ISO-RAD), Model GBa3.11)</p> <p>8. Maximum amount that licensee may possess at any one time under this license A. No Possession Authorized</p> <p>9. Authorized use A. In accordance with 10 CFR 32.30, the licensee is authorized to distribute Thermo Scientific Density Meter Accessory (Model DMA) containing sealed source as specified in Condition 10 of this license to persons exempt from the requirements for a license under 10 CFR 30.22, or equivalent regulations of any Agreement State.</p>



**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License No.: 34-35645-01E

Docket No.: 030-39278

Reference No.:

**CONDITIONS**

- 10. The following industrial device containing byproduct material designed and manufactured in accordance with NRC registration certificate No. NR-1219-D-106-E, for the purpose of non-invasive inspections, may be distributed according to this license provided the amount of Ba-133 contained in the device does not exceed the amount specified in the following table:

Device Model

Density Meter Accessory (DMA)

Maximum Quantity per Device

10 microcurie (370 kBq)

- 11. This license does not authorize possession or use of licensed materials.
- 12. The licensee may distribute licensed material from its facilities located at One Thermo Fisher Way, Oakwood Village, Ohio, 44146.



**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License No.: 34-35645-01E

Docket No.: 030-39278

Reference No.:

13. 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 26, 2021 (ML21181A095)
- B. Application dated June 29, 2021 (ML21181A094)
- C. Letter with attachments dated September 29, 2021 (ML21273A033)
- D. Letter with attachments dated November 1, 2021 (ML21306A179)



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: November 30, 2021

By: **Shirley S. Xu**  
Digitally signed by Shirley S. Xu  
Date: 2021.11.30 15:13:37 -05'00'

Headquarters