

EXPORT LICENSE

NRC FORM 250
(10-07)

UNITED STATES OF AMERICA
Nuclear Regulatory Commission
Washington, D.C. 20555

NRC LICENSE NO.: XMAT420/01
Page 1 of 4
DOCKET NO.: 11005994
LICENSE EXPIRES: January 1, 2022


Pursuant to the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974 and the regulations of the Nuclear Regulatory Commission (NRC) issued pursuant thereto, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued to the licensee authorizing the export of the materials and/or production or utilization facilities listed below, subject to the terms and conditions herein.

<p align="center">LICENSEE</p> <p>Cambridge Isotope Laboratories Inc. 50 Frontage Road Andover, MA 01810</p> <p>Attn: Gary Ionta</p>	<p align="center">ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</p> <p align="center">See pages 2 and 3</p>
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<p align="center">INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</p> <p align="center">See pages 3 and 4</p>	<p align="center">OTHER U.S. PARTY(IES) TO EXPORT</p> <p align="center">None</p>
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APPLICANT'S REFERENCE NO.: Appl. Dated 12/12/16 ULTIMATE DESTINATION(S): Japan

<p>QUANTITY(IES)</p>	<p align="center">DESCRIPTION OF MATERIAL(S) OR FACILITY(IES)</p> <p>This license is amended to: 1) change the name of an intermediate foreign consignee; 2) include two additional ultimate foreign consignees; and 3) extend the license date of expiration from April 30, 2017, to January 1, 2022.</p> <p>The licensee is authorized to export a cumulative total of 10,000 kilograms of deuterium in the form of deuterated compounds, deuterium oxide (heavy water), and deuterium gas.</p> <p>All other conditions remain the same.</p>
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<p>Neither this license nor any right under this license shall be assigned or otherwise transferred in violation of the provisions of the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974.</p> <p>This license is subject to the right of recapture or control by Section 108 of the Atomic Energy Act of 1954, as amended, and to all of the other provisions of said Acts, now or hereafter in effect and to all valid rules and regulations of the NRC.</p>	<p align="center">THIS LICENSE IS INVALID UNLESS SIGNED BELOW BY AUTHORIZED NRC REPRESENTATIVE</p> <p>SIGNATURE: </p> <p>NAME AND TITLE: David L. Skeen, Deputy Director Office of International Programs</p> <p>DATE OF ISSUANCE: <u>April 17, 2017</u></p>
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EXPORT LICENSE

ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES):

1. [REDACTED]

(for non-nuclear use in the medical, pharmaceutical, chemical, and industrial markets)

2. [REDACTED]

(for non-nuclear use in the medical, pharmaceutical, chemical, and industrial markets)

3. [REDACTED]

(for non-nuclear use in the medical, pharmaceutical, chemical, and industrial markets)

4. [REDACTED]

(for non-nuclear use in the medical, pharmaceutical, chemical, and industrial markets)

5. [REDACTED]

(for non-nuclear use in the medical, pharmaceutical, chemical, and industrial markets)

6. [REDACTED]

(for non-nuclear use in the medical, pharmaceutical, chemical, and industrial markets)

ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES): (Cont'd)

7.



(for non-nuclear use in the medical, pharmaceutical, chemical, and industrial markets)

INTERMEDIATE FOREIGN CONSIGNEE(S):

1. Wako Pure Chemical Industries, Ltd.
3-1-2 Doshomachi
Chou-ku, Osaka 540-8605
Japan

(for distribution to ultimate consignees)

2. Shoko Science Company, Limited
473-3 Hongou Sugito-Machi
Kitakatsushika-gun
Saitama 345-0023
Japan

(for distribution to ultimate consignees)

3. Otsuka Pharmaceuticals
3, 26, 3 Shodai-Tajika
Hirakatan, Osaka 573-132
Japan

(for distribution to ultimate consignees)

4. Otsuka Pharmaceuticals/SCH SECT
Diagnostic Division SI Group M., Tsuda
224-18 Ebisuno
Hiraishi, Tokushima 771-0195
Japan

(for distribution to ultimate consignees)

5. REC Materials Inc.
Kosumo, Yokohama Tokiwadaikohen/218
18-1 Tokiwadai
Hodogaya-ku, Yokohama City 240-0067
Japan

(for distribution to ultimate consignees)

INTERMEDIATE FOREIGN CONSIGNEE(S): (Cont'd)

6. Asahi Works Co., Ltd.
2-15-8 Tamazutsumi
Setagaya-ku, Tokyo 158-0087
Japan

(for distribution to ultimate consignees)

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