

**EXPORT LICENSE**

NRC FORM 250



**United States of America**  
 Nuclear Regulatory Commission  
 Washington, D.C. 20555

**NRC LICENSE NO.:** XB1353

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**NRC DOCKET NO.:** 11006407

**LICENSE EXPIRES:** March 31, 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 the statements and representations herefore 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"><b>LICENSEE</b></p> <p>PerkinElmer, Inc.                  549 Albany Street                  Boston, MA 02118</p> <p>Attn: William Hoey</p>	<p align="center"><b>ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</b></p> <p align="center">See following page(s)</p>
<p align="center"><b>INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</b></p> <p align="center">See following page(s)</p>	<p align="center"><b>OTHER U.S. PARTY(IES) TO EXPORT</b></p> <p align="center">See following page(s)</p>

**APPLICANT'S REFERENCE:** Appl. Dated 12/16/2020

**ULTIMATE DESTINATION:** Sudan

<p><b>QUANTITY(IES)</b></p>	<p align="center"><b>DESCRIPTION OF MATERIAL(S) OR FACILITY(IES)</b></p> <p>This license authorizes the export of one barium-133 sealed source, not to exceed <math>7 \times 10^{-7}</math> terabecquerels (TBq); one hydrogen-3 liquid standards vial, not to exceed <math>5 \times 10^{-9}</math> TBq; and one carbon-14 liquid standard vial, not to <math>2.5 \times 10^{-9}</math> TBq.</p>
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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.

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 the other provisions of said Acts, now or hereafter in effect and to all valid rules and regulations of the NRC.

**THIS LICENSE IS INVALID UNLESS SIGNED BELOW  
 BY AUTHORIZED NRC REPRESENTATIVE**

**SIGNATURE:** David Skeen Digitally signed by David Skeen  
Date: 2021.03.16 09:56:52 -0400

**NAME AND TITLE:** David L. Skeen, Deputy Director  
 Office of International Programs

**DATE OF ISSUANCE:** March 16, 2021

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

1. Central Veterinary Research Laboratory Center  
Dept. of radioisotopes and immunology  
Elamarat, Soba  
PO Box 8067, Khartoum  
Sudan

(to be used to calibrate liquid scintillation analyzer)

2. UN Development Programme in the  
Sudan, PO Box 913  
Gama'a Avenue, House 7, Block 5  
Khartoum  
Sudan

(to be used to calibrate the research center's liquid scintillation analyzer)

**INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES):**

1. Isotopes Services International ISI  
Mercuriusstraat 26  
1930 Nossegem  
Belgium

(importer into EU and transporter to Sudan)

2. PerkinElmer Nederland B.V.  
9700 GE Groningen  
Netherlands

(importer into EU and transporter to Sudan)

**OTHER U.S. PARTY(IES) TO EXPORT:**

1. Eckert & Ziegler  
24937 Avenue Tibbits  
Valencia, CA 91355

(reagent manufacture; transporter to EU)

2. PerkinElmer, Inc.  
549 Albany Street  
Boston, MA 02118

(reagent manufacture; transporter to EU)