


EXPORT LICENSE

NRC FORM 250
(10-07)

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

NRC LICENSE NO.: XMAT445
Page 1 of 2
NRC DOCKET NO.: 11006306
LICENSE EXPIRES June 30, 2023

Pursuant to the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974 and the regulations of the U.S. 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>Sigma Aldrich Co. LLC 3050 Spruce Street St. Louis, MO 63103</p> <p>Attn: Jared Fenton</p>		<p align="center">ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</p> <p align="center">See Page 2</p>	
<p align="center">INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</p> <p align="center">NONE</p>		<p align="center">OTHER PARTY(IES) TO EXPORT</p> <p align="center">See Page 2</p>	
<p>APPLICANT'S REFERENCE NO.: Appl. date 3/26/18</p>		<p>ULTIMATE DESTINATION(S): Spain</p>	
<p>QUANTITY(IES)</p> <p>5,000 kilograms</p>	<p>DESCRIPTION OF MATERIAL(S) OR FACILITY(IES)</p> <p>Deuterium in the form of deuterium gas, deuterium oxide, and deuterium compounds.</p>		
<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: JUN 13 2018</p>	

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

1. Aldrich Chemical Co. LLC
6000 N. Teutonia Avenue
Milwaukee, WI 53209

(Supplier/distributor)

2. Aldrich Chemical Co. LLC
3858 Benner Road
Miamisburg, OH 45342

(Supplier/distributor)

3. Aldrich Chemical Co. LLC
6950 Ambassador Drive
Allentown, PA 18106

(Supplier/distributor)

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

1. Esteve Química, S.A.
Poligon Industrial, s/n
17460 Celrà (Girona)
Spain

(Non-nuclear end use in the medical, pharmaceutical, chemical and industrial markets)

2. Esteve Química, S.A.
Ctra. Del Vendrell a St. Jaume dels Domenys, km 5
43711 Banyeres del Penedès (Tarragona)
Spain

(Non-nuclear end use in the medical, pharmaceutical, chemical and industrial markets)

3. Esteve Química, S.A.
c/Caracas, 17-19
08030 Barcelona
Spain

(Non-nuclear end use in the medical, pharmaceutical, chemical and industrial markets)