

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 the applicable parts of Title 10, Code of Federal Regulations, Chapter I, Parts 19, 20, 30, 31, 32, 33, 34, 35, 36, 39, 40, 51, 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.

Licensee		
1. Sigma-Aldrich Company		3. License Number 24-16273-01, Amendment No. 20
2. P.O. Box 14508 St. Louis, MO 63178		4. Expiration Date April 30, 2013
		5. Docket No. 030-10716 Reference No.
6. Byproduct Source, and/or Special Nuclear Material	7. Chemical and/or Physical Form	8. Maximum amount that Licensee May Possess at Any One Time Under This License
a. Hydrogen-3	residual contamination	a. As approved in decommissioning plan, see Item 9, below.
b. Carbon-14	residual contamination	b. As approved in decommissioning plan, see Item 9, below.
9. Authorized Use: A. and B. Possession incident to radiological survey, Storage of waste awaiting disposal, decontamination and remediation of building.		
10. Licensed material shall be possessed, processed, and stored for disposal only at the licensee's facilities located at 11542 Fort Mims Drive, St. Louis, Missouri.		
11. The Radiation Safety Officer for the activities authorized by this license is Robert Lee McVay.		
12. 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. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the regulations.		
A. Application dated August 24, 2001 (with attachments); and		
B. Letters received January 28, 2002 (with attachments) and dated February 12, 2002.		
C. Letters dated October 22, 2008, with "Sigma-Aldrich Fort Mims Facility, Maryland Heights, Decontamination and Decommissioning Plan," attached, February 6, 2009, December 15, 2008, March 19, 2009 (with attachment "NRC Follow-up Questions – Sigma Responses," November 20, 2009, and November 22, 2010.		

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
SUA-1534Docket or Reference Number
40-8943

Amendment No. 4

FOR THE NUCLEAR REGULATORY COMMISSION

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Dated: June 10, 2019

Bill Von Till, Branch Chief
Uranium Recovery and Materials
Decommissioning Branch
Division of Decommissioning, Uranium Recovery
and Waste Programs
Office of Nuclear Material Safety
and Safeguards

