

MATERIALS LICENSE

Amendment No. 19
CORRECTED COPY

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, 39, 40, and 70, 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

In accordance with letter dated
August 29, 19963. License Number 48-14075-01 is amended in
its entirety to read as follows:1. Pharmacia Biotech, Inc.
Molecular Biology Reagents Division2. 2202 N. Bartlett Avenue
Milwaukee, WI 53202

4. Expiration Date May 31, 2003

5. Docket or
Reference No. 030-077066. Byproduct, Source, and/or
Special Nuclear Material7. Chemical and/or Physical
Form8. Maximum Amount that Licensee
May Possess at Any One Time
Under This License

A. Hydrogen-3

A. Any

A. 10 millicuries

B. Carbon-14

B. Any

B. 20 millicuries

C. Phosphorus-32

C. Any

C. 50 millicuries

D. Phosphorus-33

D. Any

D. 10 millicuries

E. Sulfur-35

E. Any

E. 25 millicuries

F. Iodine-125

F. Any

F. 5 millicuries

9. Authorized Use:

A. through F. For in-vitro laboratory research and development as specified in 10 CFR
30.4.CONDITIONS10. Licensed material shall be used only at the licensee's facilities located at 2202 N.
Bartlett Avenue, Milwaukee, Wisconsin.

11. The Radiation Safety Officer for this license is Edward J. Adolphson.

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

48-14075-01

Docket or Reference Number

030-07706

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12. Licensed material listed in Item 6. above is authorized for use by, or under the supervision of, the following individuals for the materials and uses indicated:
- A. Jeffrey Trost, Ph.D., ALL.
 - B. Gregory J. Johnson, ALL.
 - C. Carl E. Wolff, Items 6.A., 6.B., 6.C., 6.D., and 6.E.
 - D. Peter A. Bell, Ph.D., ALL.
 - E. Edward J. Adolphson, ALL.
 - F. Christopher Lively, Ph.D., ALL.
 - G. Karen Foster, B.S., M.S., ALL.
 - H. Phillip P. Franciskovich, Ph.D., ALL.
 - I. William Riedl, Ph.D., Items 6.A., 6.B., 6.C., 6.D. and 6.E.
13. Licensed material shall not be used in or on human beings.
14. This license does not authorize commercial distribution of licensed material.
15. The licensee shall not use licensed material in field applications where activity is released except as provided otherwise by specific condition of this license.
16. The licensee is authorized to hold radioactive material with a physical half-life of less than 90 days for decay-in-storage before disposal in ordinary trash provided:
- A. Radioactive waste to be disposed of in this manner shall be held for decay a minimum of 10 half-lives.
 - B. Before disposal as ordinary trash, byproduct material shall be surveyed at the container surface with the appropriate meter set on its most sensitive scale and with no interposed shielding to determine that its radioactivity cannot be distinguished from background. All radiation labels shall be removed or obliterated.

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- C. A record of each disposal permitted under this License Condition shall be retained for 3 years. The record must include the date of disposal, the date on which the byproduct material was placed in storage, the radionuclides disposed, the survey instrument used, the background dose rate, the dose rate measured at the surface of each waste container, and the name of the individual who performed the disposal.
17. Survey instrumentation shall be calibrated at intervals not to exceed 12 months, by a firm licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.
18. 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 U.S. 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 January 8, 1993; and
- B. Letters dated October 19, 1993, March 14, 1995 and August 29, 1996.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date Nov 4 1996

By Steven R. Moten
Nuclear Materials Licensing Branch, Region III

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NOV 12 1996

Edward Adolphson
Pharmacia Biotech, Inc.
Molecular Biology Reagents
Division
2202 N. Bartlett Avenue
Milwaukee, WI 53202

Dear Mr. Adolphson:

It has come to our attention that Amendment Number 19 to License Number 48-14075-01 issued on October 16, 1996 contained an error.

Enclosed is a corrected copy amending License Condition No. 18.B. By referencing your letter dated August 29, 1996 and the lab close out survey, we have authorized you to release Lab 1211 for unrestricted use. We apologize for any inconvenience this may have caused you.

Sincerely,

Original Signed By
Evelyn R. Matson
Nuclear Materials Licensing Branch

License No.: 48-14075-01
Docket No.: 030-07706

Enclosure: Corrected Copy of
Amendment No. 19

DOCUMENT NAME: M:\03007706.CC6

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NAME	EMATSON:jaw	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DATE	11/1/96	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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