

U. S. ATOMIC ENERGY COMMISSION
BYPRODUCT MATERIAL LICENSE

License No. 24-01113-07
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Amendment No. 06
in accordance with application dated
June 14, 1967

20, 12, 33, 34, and 35, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, own, possess, transfer and import byproduct material listed below; and to use such byproduct material for the purpose(s) and at the place(s) designated below. This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, and is subject to all applicable rules, regulations, and orders of the Atomic Energy Commission now or hereafter in effect and to any conditions specified below.

Licensee

1. Name **Monsanto Company**
Inorganic Research
2. Address **800 N. Lindbergh Boulevard**
St. Louis, Missouri 63166

In accordance with application dated
June 14, 1967

3. License number **24-01113-07** is amended
in its entirety to read as follows:

4. Expiration date

June 30, 1972

5. Reference No.

6. Byproduct material
(element and mass number)

7. Chemical and/or physical
form

8. Maximum amount of radioac-
tivity which licensee may pos-
sess at any one time

- A. Calcium 45
B. Phosphorus 32
C. Bismuth 210

- A. Any
B. Any
C. Sealed Source

- A. 30 millicuries
B. 10 millicuries
C. 15.2 microcuries

9. Authorized use

A., B., and C. Determination of dentin abrasion, laboratory studies,
and instrument calibration.

CONDITIONS

10. Byproduct material may only be used at 800 N. Lindbergh Boulevard,
St. Louis, Missouri and Carondelet Plant, 8201 Idaho Avenue,
St. Louis, Missouri.
11. The licensee shall comply with the provisions of Title 10,
Part 20, Code of Federal Regulations, Chapter 1, "Standards
for Protection Against Radiation."
12. Byproduct material shall be used by, or under the supervision of,
Dr. K. J. Shaver or M. F. Fuller.

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(continued)

CONDITIONS

13. Except as specifically provided otherwise by this license, the licensee shall possess and use byproduct material described in Items 6, 7, and 8 of this license in accordance with statements, representations, and procedures contained in applications dated June 7, 1961 and June 14, 1967.

JUL 12 1967

For the U. S. Atomic Energy Commission

Original Signed By
Robert E. Brinkmanby Isotopes BranchDivision of Materials Licensing
Washington, D. C. 20545REF 7/5/67
REB / gpc