

9/29/61

U. S. ATOMIC ENERGY COMMISSION
BYPRODUCT MATERIAL LICEN.

Pursuant to the Atomic Energy Act of 1954 and Title 10, Code of Federal Regulations, Chapter 1, Part 30, Licensing of Byproduct Material, 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.

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|---|--|--|--|
| <p style="text-align: center;">Licensee</p> <p>1. Name Department of the Army Pathology Department</p> <p>2. Address Third U. S. Army Medical Laboratory Fort McPherson, Georgia</p> | | <p style="text-align: center;">In accordance with application dated September 5, 1961</p> <p>3. License number 18-3997-3 is amended in its entirety to read as follows:</p> | |
| | | <p>4. Expiration date October 31, 1963</p> | |
| | | <p>5. Reference No.</p> | |
| <p>6. Byproduct material (element and mass number)</p> <p>A. Iodine 131 B. Cobalt 58 C. Cobalt 60 D. Chromium 51</p> | <p>7. Chemical and/or physical form</p> <p>A. Iodide B. Vitamin B-12 C. Vitamin B-12 D. Chromate</p> | <p>8. Maximum amount of radioactivity which licensee may possess at any one time</p> <p>A. 10 millicuries B. 50 microcuries C. 50 microcuries D. 2 millicuries</p> | |

9. Authorized use
- A. Diagnosis of thyroid function.**
 - B. and C. Diagnosis of pernicious anemia and malabsorption syndromes.**
 - D. Diagnosis of blood volume and red cell survival.**

CONDITIONS

- 10. Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above.
- 11. **Byproduct materials may also be used at U. S. Army Hospital, Fort McPherson, Georgia.**
- 12. **The licensee shall comply with the provisions of Title 10, Part 20, Code of Federal Regulations, Chapter 1, "Standards for Protection Against Radiation".**
- 13. **Byproduct materials shall be used by, or under the supervision of, Colonel William C. Dots, M.D.**
- 14. **Byproduct material for use in humans shall be acquired from a supplier, other than an Atomic Energy Commission facility, who certifies the pharmaceutical quality and assay of such material.**

DUPLICATED
FOR DIV. OF COMPLIANCE

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For the U. S. Atomic Energy Commission
Original Signed By
James R. Mason
Chief, Isotopes Branch

Date

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by
J. R. Harris 10-2-61
J. R. Harris 10-3-61

Division of Licensing and Regulation
Washington 25, D. C.