

U. S. ATOMIC ENERGY COMMISSION
BYPRODUCT MATERIAL LICENSE

COPY IS FOR YOUR FILES

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.

Licensee		3. License number
1. Name	Veterans Administration Center Radioisotope Service	4-181-5
2. Address	Wilshire and Sawtelle Boulevards Los Angeles 25, California	4. Expiration date
Attn:	William H. Bland, M.D. Nome Baker, Ph.D.	August 31, 1958
5. Reference No.		
6. Byproduct material (element and mass number)	7. Chemical and/or physical form	8. Maximum amount of radioactivity which licensee may possess at any one time
Carbon 14	Sodium Bicarbonate	1 millicurie
Carbon 14	Sodium Acetate	1 millicurie
Carbon 14	Glycine	1 millicurie
Carbon 14	Glutamic Acid	1 millicurie

9. Authorized use

Study of rates of turnover and oxidation in patients with muscular dystrophy.
Biological laboratory studies in lower animals.


CONDITIONS

- Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above.
- Byproduct materials are to be used by, or under the supervision of, the individuals named above.
- Human use shall be carried out by, or under the supervision of, the physician named above.
- Licensed material for human use shall be procured preassayed for quantity (specific activity) and for radiochemical purity. It shall also be sterilized for parenteral administration.
- Except as hereinafter provided the licensee shall comply with provisions of the Atomic Energy Commission's proposed standards for protection against radiation as published in the Federal Register, July 16, 1955 (10-CFR-20), until such time as said proposed regulations or revisions thereof become effective regulations of the Commission. Notwithstanding, Section 20.24(f) of said standards, labeling shall not be required for laboratory containers such as beakers, flasks and test tubes, used transiently in laboratory procedures during presence of the user.

For the U. S. Atomic Energy Commission

Date August 21, 1956

Superseded
4-181-7
wom

by 

for: Director, Isotopes Extension
Division of Civilian Application
Oak Ridge, Tennessee

AKK

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Supplementary Sheet

License Number 4-181-5

AMENDMENT NO. 1

Veterans Administration Center
Radioisotope Service
Wilshire and Sawtelle Boulevards
Los Angeles 25, California

Attn: William H. Bland, M.D.
Nome Baker, Ph.D.

In accordance with application dated December 5, 1956, License No. 4-181-5 is hereby amended to add the following:

6. Byproduct material (element and mass number)	7. Chemical and/or physical form	8. Maximum amount of radio- activity which licensee may possess at any one time
Carbon 14	Sodium Bicarbonate	1 millicurie
Carbon 14	Sodium Acetate	1 millicurie
Carbon 14	Glycine	1 millicurie
Carbon 14	Glutamic Acid	1 millicurie

For the U. S. Atomic Energy Commission

Date January 8, 1957

Paul R. Biersfeld

Director, Isotopes Extension
Division of Civilian Application
Oak Ridge, Tennessee

U. S. ATOMIC ENERGY COMMISSION
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Licensee		3. License number
1. Name	Veterans Administration Center Radioisotope Service	4-181-5
2. Address	Wilshire and Sawtelle Boulevards Los Angeles 25, California	4. Expiration date
	Attn: William H. Bland, M.D. Norm Baker, Ph.D.	August 31, 1958
		5. Reference No.
6. Byproduct material (element and mass number)	7. Chemical and/or physical form	8. Maximum amount of radioactivity which licensee may possess at any one time
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9. Authorized use

Study of rates of turnover and oxidation in patients with muscular dystrophy.
Biological laboratory studies in lower animals.

CONDITIONS

10. Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above.
11. Byproduct materials are to be used by, or under the supervision of, the individuals named above.
12. Human use shall be carried out by, or under the supervision of, the physician named above.
13. Licensed material for human use shall be procured preassayed for quantity (specific activity) and for radiochemical purity. It shall also be sterilized for parenteral administration.
14. Except as hereinafter provided the licensee shall comply with provisions of the Atomic Energy Commission's proposed standards for protection against radiation as published in the Federal Register, July 16, 1955 (10-CFR-20), until such time as said proposed regulations or revisions thereof become effective regulations of the Commission. Notwithstanding, Section 20.24(f) of said standards, labeling shall not be required for laboratory containers such as beakers, flasks and test tubes, used transiently in laboratory procedures during presence of the user.

Amendment #1 1/4/57 won
1-4-57 OCA/9

Date August 21, 1956

For the U. S. Atomic Energy Commission

Superseded by 4-181-

by 3/7/57
Director, Isotopes Extension
Division of Civilian Application
Oak Ridge, Tennessee

B.P. 12/23