

U. S. ATOMIC ENERGY COMMISSION  
BYPRODUCT MATERIAL LICENSE

Supplementary Sheet

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License Number 5-46-13  
(A66)

AMENDMENT NO. 1

Department of the Army  
Fitzsimons General Hospital and  
U.S. Army Medical Research  
and Nutrition Laboratory  
Denver, Colorado

In accordance with application dated March 12, 1964, License No. 5-46-13 is amended as follows:

Items 6, 7, 8, and 9 are amended to add:

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
FF. Carbon 14	FF. Vitamins	FF. 10 millicuries
GG. Carbon 14	GG. Amino Acids	GG. 10 millicuries
HH. Carbon 14	HH. Lipids	HH. 10 millicuries
II. Carbon 14	II. Acetate	II. 10 millicuries
JJ. Carbon 14	JJ. Carbohydrates	JJ. 10 millicuries
KK. Carbon 14	KK. Mevalonic Acid	KK. 10 millicuries
LL. Carbon 14	LL. Bicarbonate or Carbon Dioxide	LL. 10 millicuries
MM. Hydrogen 3	MM. Vitamins	MM. 50 millicuries
NN. Magnesium 28	NN. Magnesium Oxide, Magnesium Chloride, Magnesium Citrate	NN. 10 millicuries
OO. Calcium 47	OO. Calcium Chloride	OO. 10 millicuries
PP. Calcium 45	PP. Calcium Chloride	PP. 10 millicuries

9. Authorized use

FF. through PP. Nutrition and metabolism tracer studies.

Condition 16 is amended to read:

16. 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 December 6, 1963, and March 12, 1964.

Date \_\_\_\_\_

JUL 31 1964

For the U. S. Atomic Energy Commission

Original Signed by

Nathan Bassin

Isotopes Branch

by Division of Materials Licensing

Washington 25, D. C.

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