

Pursuant to the Atomic Energy Act of 1954 and Title 10, Code of Federal Regulations, Chapter 1, Parts 30, 32, 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	The Harshaw Chemical Company	
2. Address	1945 East 37th Street Cleveland, Ohio 44106	
3. License number	34-06558-06	
4. Expiration date	June 30, 1968	
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. Hydrogen 3	A. Titanium Tritide foils (U.S. Radium Model LAB 508-1)	A. 2 foils of 250 millicuries each

9. Authorized use

A. To be used with Wilkens detector cells for gas chromatography.

CONDITIONS

10. Byproduct material may only be used at the licensee's address stated in Item 2 above.
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, Harry Richard Garner.

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## BYPRODUCT MATERIAL LICENSE

Supplementary Sheet

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13. Detector cells containing Hydrogen 3 foil shall only be used in conjunction with a properly operating temperature control mechanism which prevents foil temperatures from exceeding 225 degrees Centigrade.
14. 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 application dated May 9, 1966.

Date JUN 15 1966

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For the U. S. Atomic Energy Commission

Original Signed by

Robert E. Brinkman

by Isotopes BranchDivision of Materials Licensing  
Washington, D. C. 20545

REB / eig