

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 40 and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee

1. Nabisco Brands, Inc.
Toledo Flour Mill
P.O. Box 2209
2. Central Station
Toledo, OH 43603

3. License number 34-24531-01

4. Expiration date March 31, 1991

5. Docket or
Reference No. 030-290626. Byproduct, source, and/or
special nuclear material7. Chemical and/or physical
form8. Maximum amount that licensee
may possess at any one time
under this license6. Byproduct, source,
and/or special nuclear
material7. Chemical and/or
physical form8. Maximum amount that
licensee may possess
at any one time
under this license

A. Hydrogen-3

A. Foil source
(Analytical Instrument
Development electron
capture detector cell
Model No. 510-6007)A. No single cell to
exceed 200
millicuries

9. Authorized Use

A. To be used in a gas chromatograph(s) for sample analysis.

CONDITIONS

10. Licensed material shall be used only at Toledo Flour Mill, 2221 Front Street, Toledo, Ohio.
11. Licensed material shall be used by, or under the supervision of, Diane L. Gannon.
12. In lieu of using the conventional radiation caution colors (magenta or purple on yellow background) as provided in Section 20.203(a)(1), of 10 CFR Part 20, the licensee is hereby authorized to label detector cells and cell baths, containing licensed material and used in gas chromatography devices, with conspicuously etched or stamped radiation caution symbols without a color requirement.
13. Detector cells containing licensed material shall not be opened or the sources removed from the detector cell by the licensee.

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MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

34-24531-01

Docket or Reference number

030-29062

14. Exhaust from detector cells containing licensed material shall be vented through a laboratory fume hood or other suitable means designed to reduce potential exposure to personnel to the lowest practicable level.
15. Except as otherwise specified in this license, the licensee shall have available and follow the instructions contained in the manufacturer's instruction manual for the chromatography device.
16. The licensee shall conduct a physical inventory every 6 months to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 2 years from the date of each inventory.
17. Detector cells containing titanium tritide foil shall only be used in conjunction with a properly operating temperature control mechanism which prevents foil temperatures from exceeding 225 degrees Centigrade.
18. Detector cells containing scandium tritide foil shall only be used in conjunction with a properly operating temperature control mechanism which prevents foil temperatures from exceeding 325 degrees Centigrade.
19. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents including any enclosures, listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the regulations.
 - A. Application dated April 9, 1985.

For the U.S. Nuclear Regulatory Commission

Date MAR 13 1986Original Signed
By George M. McCann
Materials Licensing Section, Region III

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