

**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, 36, 39, 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.

<p style="text-align: center;">Licensee</p> <p>1. Agilent Technologies, Inc.</p> <p>2. 2850 Centerville Road Wilmington, Delaware 19808</p>	<p>In accordance with the letter dated July 19, 2012,</p> <p>3. License number 07-28762-02G is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date November 30, 2012</p> <hr/> <p>5. Docket No. 030-32988 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Nickel 63</p>	<p>7. Chemical and/or physical form</p> <p>A. Sealed Sources as specified in Condition 11</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. Not Applicable</p>
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9. Authorized use:

A. Pursuant to 10 CFR 32.51, the licensee is authorized to distribute the devices containing sealed sources specified in Condition 11 of this license to persons generally licensed pursuant to 10 CFR 31.5, or equivalent provisions of the regulations of any Agreement State.

**CONDITIONS**

10. The licensee may distribute only from its facilities located at Little Falls Center, 2850 Centerville Road, Wilmington, Delaware.

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11. Each device distributed pursuant to the conditions of this license shall be in accordance with the following table:

<u>Device Model Number</u>	<u>Isotope</u>	<u>Source Model Number</u>	<u>Maximum Activity Per Source</u>
Model 19233 Detector Cell	Nickel 63	NBCD	18 millicuries
Model G1223A Detector Cell	Nickel 63	NBCD	18 millicuries
Model G1533A Detector Cell	Nickel 63	NBCD	18 millicuries
Model G2397A Detector Cell	Nickel 63	NER-004P	15 millicuries
Model 18713A Detector Cell	Nickel 63	NER-004P	15 millicuries
Model 18803 Detector Cell	Nickel 63	NER-004P	15 millicuries
Model 19282 Detector Cell	Nickel 63	NER-004P	15 millicuries
Model 19303 Detector Cell	Nickel 63	NER-004P	15 millicuries
Model 19312 Detector Cell	Nickel 63	NER-004P	15 millicuries

12. This license does not authorize possession or use of licensed material.

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13. 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 U.S. 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. Letter dated October 14, 2002 [ML022980145]
  - B. Letter dated November 11, 2003 [ML033440327]



For the U.S. Nuclear Regulatory Commission

Date August 10, 2012

By **Original signed by Elizabeth Ullrich**  
 Elizabeth Ullrich  
 Commercial and R&D Branch  
 Division of Nuclear Materials Safety  
 Region I  
 King of Prussia, Pennsylvania 19406