Nordion®
A Sotera Health company

DOSIMETRY PRODUCTS & SERVICES

2019 PRICE LIST

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Dosimetry Products & Services

Dosimetry and Calibration Products and Services

All prices are in Canadian Dollars.

Delivery for most items is 6 weeks subject to confirmation at time of order.

Nordion's Dosimetry Laboratory is ISO 17025 accredited for the following services:

- The calibration of routine dosimeters against Alanine reference-standard dosimeters.
- The evaluation of Alanine reference-standard dosimeters.
- The irradiation of customer-supplied dosimeters to known doses.

Dosimetry and Calibration Services

1. Supply and Reading of Dosimeters

NUMBER	DESCRIPTION	PRICE
10094113	**Supply and Reading of Alanine Dosimeters**	**$390.00** per dosimeter
	Includes: – Supply and reading of each dosimeter – NVLAP Lab Code 200370-0 Certificate of Measurement (Alanine measured dose) – Standard Control package (shipped with package for QC)	
	Note: – Minimum order: 7 dosimeters – Dose range: 20 Gy to 80 kGy – This measurement service by Nordion is accredited under NIST's NVLAP Lab Code 200370-0	

2. Irradiation of Dosimeters

NUMBER	DESCRIPTION	PRICE
10009995	**Irradiation of Dosimeters**	**$2,400.00** for first dose point **$390.00** for each additional dose point
	Includes: – Irradiation of dosimeters (e.g. Harwell, Alanine in pellet or film format, Red Perspex, Amber Perspex, FWT-60 radiochromic film, Optichromic) to specified absorbed doses in Nordion's standard cobalt 60 radiation field GC220 at a customer-specified constant temperature – NVLAP Lab Code 200370-0 Certificate of Accuracy supplied with return of dosimeters to customer	
	Customer to specify: – Number of dose points – Number of dosimeters (maximum 10) for each dose point – Irradiation temperature in degrees C	
	Note: – Specified doses up to 250 kGy – Specified irradiation temperature to be between +4°C and +60°C – Each dosimeter must fit into a 12mm (0.5 inches) diameter cylinder with maximum height of 75mm (3 inches) – This irradiation service by Nordion is accredited under NIST's NVLAP Lab Code 200370-0	

Dosimetry and Calibration Services

3. In-Plant Calibration

NUMBER	DESCRIPTION	PRICE
10094114	**Routine Dosimetry System In Plant Calibration Service – Alanine Dosimeters**	**$6,485.00** per batch of dosimeters
	Includes: – Supply of 10 Calibration packages, each package containing 2 high-dose Alanine dosimeters and 1 temperature strip for measurement of maximum irradiation temperature – Standard Control Package (for Nordion QC) – Determination of calibration curve for routine dosimetry system for 1 spectrophotometer – NVLAP Lab Code 200370-0 Certificate of Calibration for the routine dosimetry system – NVLAP Lab Code 200370-0 Certificate of Measurement (Alanine measured dose)	
	Plus: – Review of readings obtained by customer for the irradiated routine dosimeters – Analysis of dosimetry data	
	Note: – Temperature range between 10°C and 60°C – This calibration service by Nordion is accredited under NIST's NVLAP Lab Code 200370-0	

4. Additional In-Plant Calibration

NUMBER	DESCRIPTION	PRICE
10009997	**Additional In-Plant Calibrations – In-Plant Calibration Service**	**$1,630.00** per additional calibration curve
	Includes: – Supply of one additional calibration curve	
	Note: – This service is additional to Routine Dosimetry System In Plant Calibration Service – This calibration service by Nordion is accredited under NIST's NVLAP Lab Code 200370-0	

Dosimetry and Calibration Services

5. Absorbed Dose Mapping

NUMBER	DESCRIPTION	PRICE
10094112	**Absorbed Dose Mapping for a Production Irradiator – Alanine**	**$16,225.00***
	Includes: – Dose mapping service for 1 production irradiator using 1 batch of customer supplied routine dosimeters, read on a maximum of 2 spectrophotometers – Nordion will provide procedures for performing absorbed dose mapping – Dosimeter packages consisting of Alanine dosimeters and temperature strips (the customer adds 4 routine dosimeters) – Analysis of customer's routine dosimeter readings done at the customer's site by customer's technicians – Dosimetry Report prepared by Nordion	
	Additional Customer Responsibilities: – Provide all routine dosimeters – Provide phantom material or homogeneous actual product which occupies the design limit of the carrier (or close to the design limit) – Ensure that dosimetry can be done on a schedule that is agreed to by Nordion – Ensure availability of sufficient resources for loading product, operating the irradiator, and loading/retrieving dosimeters	
	Note: – This dose mapping service by Nordion is accredited under NIST's NVLAP Lab Code 200370-0	

*Per absorbed dose mapping service (if performed in conjunction with a source loading). Expenses charged as incurred if not performed with a source loading.

Dosimetry and Calibration Products

1. Compu-dose System

NUMBER	DESCRIPTION	PRICE
10009980	**Compu-Dose System**	**$17,535.00**
	Includes: – Electrochemical Cell – Multimeter (3M052526) – 500 High Dose Range (5 to 50 kGy) Ceric-Cerous dosimeters (including 30 irradiated standards: 10@ 15, 10 @ 25, 10 @ 35 kGy) – Compu-Dose Manual (IN/OM 0312 CDOSE) – Certificate of Calibration (for Ceric-Cerous batch) – Certificate of Accuracy (for Ceric-Cerous irradiated standards) – Electrochemical Cell Set-up Instructions and Certificate of Acceptance – Compu-dose software, PC software including data set for converting multimeter readings to dose (kGy)	
	Note: – Special order standards available at extra cost (refer to 10009983)	
10094115	**Compu-Dose Software**	**$4,095.00**
	Includes: – Software on USB memory stick (includes data set for converting multimeter reading to dose – kGy) – Certificate of validation	
H101402001	**Replacement Electrochemical Cell**	**$5,250.00**
	Includes: – Compu-Dose glass cell	

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Nordion, a Sotera Health company, has been a leading provider of gamma technologies to global customers for more than 70 years. By delivering safe, high-quality products to our customers, we play a critical role in Safeguarding Global Health™. Our products benefit the lives of millions of people in countries around the world—and that is our core purpose. To improve the health and well-being of our global citizens.

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