



Nordion®

A Sotera Health company

DOSIMETRY
PRODUCTS & SERVICES

2019 PRICE LIST

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: <ul style="list-style-type: none"> – 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: <ul style="list-style-type: none"> – 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: <ul style="list-style-type: none"> – 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: <ul style="list-style-type: none"> – Number of dose points – Number of dosimeters (maximum 10) for each dose point – Irradiation temperature in degrees C 	
	Note: <ul style="list-style-type: none"> – 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
	<p>Includes:</p> <ul style="list-style-type: none"> – 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) 	
	<p>Plus:</p> <ul style="list-style-type: none"> – Review of readings obtained by customer for the irradiated routine dosimeters – Analysis of dosimetry data 	
	<p>Note:</p> <ul style="list-style-type: none"> – 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
	<p>Includes:</p> <ul style="list-style-type: none"> – Supply of one additional calibration curve 	
	<p>Note:</p> <ul style="list-style-type: none"> – 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*
	<p>Includes:</p> <ul style="list-style-type: none"> – 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 	
	<p>Additional Customer Responsibilities:</p> <ul style="list-style-type: none"> – 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 	
	<p>Note:</p> <ul style="list-style-type: none"> – This dose mapping service by Nordion is accredited under NIST’s NVLAP Lab Code 200370-0 	
	<p><small>*Per absorbed dose mapping service (if performed in conjunction with a source loading). Expenses charged as incurred if not performed with a source loading.</small></p>	

Dosimetry and Calibration Products

1. Compu-dose System

NUMBER	DESCRIPTION	PRICE
10009980	Compu-Dose System	\$17,535.00
	Includes: <ul style="list-style-type: none"> – 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: <ul style="list-style-type: none"> – Special order standards available at extra cost (refer to 10009983) 	
10094115	Compu-Dose Software	\$4,095.00
	Includes: <ul style="list-style-type: none"> – 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: <ul style="list-style-type: none"> – Compu-Dose glass cell 	



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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