



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

C&C IRRADIATOR SERVICE, LLC
1335 Marlin Ave.
Foster City, CA 94404
Chad Gunther Phone: 570 912 2389

CALIBRATION

Valid To: May 31, 2028

Certificate Number: 7793.01

In recognition of the successful completion of the A2LA evaluation process, (including an assessment of the organization's compliance with R205 – A2LA's Calibration Program Requirements), accreditation is granted to this laboratory to perform the following calibrations^{1,3}:

I. Ionizing Radiation & Radioactivity

Parameter/Equipment	Range	CMC ^{2,4} (±)	Comments
Alanine Pellet EPR Dosimeters	(1 to 1.0·10 ³) Gy	2.6 %	L-alanine pellets, X-band EPR spectrometry, NIST-traceable transfer standards
Photon Radiation			
X-Ray	(45 to 500) keV	2.6 %	Energy-correction via SpekPy (v2.0) and Anton TH method
Gamma	(0.045 to 1.33) MeV	2.3 %	Direct calibration against NIST-traceable Co-60 reference field

¹ This laboratory offers commercial calibration service.

² Calibration and Measurement Capability Uncertainty (CMC) is the smallest uncertainty of measurement that a laboratory can achieve within its scope of accreditation when performing more or less routine calibrations of nearly ideal measurement standards or nearly ideal measuring equipment. CMCs represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually using a coverage factor of $k = 2$. The actual measurement uncertainty of a specific calibration performed by the laboratory may be greater than the CMC due to the behavior of the customer's device and to influences from the circumstances of the specific calibration.

³ This scope meets A2LA's *P112 Flexible Scope Policy*.

⁴ In the statement of CMC, percentages are percentage of reading, unless otherwise indicated.



Accredited Laboratory

A2LA has accredited

C&C IRRADIATOR SERVICE, LLC

Foster City, CA

for technical competence in the field of

Calibration

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets R205 – Specific Requirements: Calibration Laboratory Accreditation Program. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 27th day of May 2026.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 7793.01
Valid to May 31, 2028

For the calibrations to which this accreditation applies, please refer to the laboratory's Calibration Scope of Accreditation.