



Certificate of Dosimetry Service Approval

Reference: ADS2101

By virtue of Regulation 78 of S.I. No. 30 of 2019

Mirion Technologies (AWST) GmbH,
Dosimetry Services Division,
Otto-Hahn-Ring 6,
81739 Munchen,
Germany

is approved by the Environmental Protection Agency to provide dosimetry services in Ireland in pursuance of S.I. 30 of 2019.

This approval is granted subject to the condition that the services are provided within the scope of supply set out in Schedule 1.

This approval is granted subject to the requirements for approval continuing to be met.

This certificate shall remain in force until the expiry date specified in this certificate or until revoked in writing by the Environmental Protection Agency.

Date of Approval: 30 November 2021

Date of Expiry: 30 November 2026

Signed:

David Pollard
Programme Manager

Schedule 1

Dosimetry Service: Mirion Technologies (AWST) GmbH

Date of Approval: 30 November 2021

Dosemeter Make and Model	Technology / Type of Dosimetry	Operational Quantity	Radiation Type	Energy/Dose Range	Limitations of Use
AWST-OSL-GD 01	BeOSL / External Wholebody	H _p (10)	External photons	16 keV – 7 MeV 0.1 mSv – 10 Sv	⁹⁰ Sr response = 0.02
		H _p (0.07)	External photons	20 keV – 7 MeV 0.1 mSv – 10 Sv	
AWST-OSL-AD 01	BeOSL / External Eye lense	H _p (3)	External photons	16 keV – 7 MeV 0.1 mSv – 1 Sv	⁹⁰ Sr response = 2.53
AWST-TL-GD 04	TLD/ External Wholebody	H _p (10)	External photons	20 keV – 7 MeV 0.1 mSv – 2 Sv	
		H _p (0.07)	External photons	20 keV – 7 MeV 0.1 mSv – 2 Sv	
		H _p (10)	Neutrons (Thermal, epithermal & fast)	Thermal – 10 MeV 0.1 mSv – 2 Sv	

Dosemeter Make and Model	Technology / Type of Dosimetry	Operational Quantity	Radiation Type	Energy/Dose Range	Limitations of Use
GSF-TL-TD 70	TLD /External Extremity	H _p (0.07)	External photons	7.6 keV – 1.4 MeV 1 mSv – 10 Sv	
			Beta	50 keV – 1.4 MeV 0.1 mSv – 10 Sv	
AWST-OSL-TD 01	BeOSL/ External Extermity	H _p (0.07)	External photons	16 keV – 7 MeV 1 mSv – 10 Sv	⁹⁰ Sr response = 1.55