NACIONALINIS
AKREDITACIJOS BIURAS

Lithuanian National Accreditation Bureau is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (for accreditation of testing, calibration, medical examinations, certification of products, persons and management systems and inspection) and International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (for accreditation in the fields of testing, calibration, medical examinations and inspection)

ACCREDITATION CERTIFICATE
No. LA.225-02

Lithuanian National Accreditation Bureau hereby certifies that

Polimaster Europe, UAB Calibration laboratory

legal entity: UAB “Polimaster Europe“
legal entity code: 123508375

complies with the requirements of

LST EN ISO/IEC 17025:2018

and is competent to perform:

calibration of measuring equipment

The scope of accreditation below is an integral part of this certificate. Locations of the conformity assessment body are specified in the scope of accreditation

Initial accreditation date: **2024-08-01**

Certificate issued / valid since: **2024-08-01**
Version of: **2024-08-01**
Expiry date: **2029-07-31**

Director
DALIA BALEŽENTĖ

The certificate may be changed, its validity suspended or withdrawn by the decision of the National Accreditation Bureau. Information on the actual data of accreditation certificates may be verified at nab.lrv.lt

NACIONALINIS AKREDITACIJOS BIURAS
Kalibravimas ISO/IEC 17025

ilac-MRA

SCOPE OF ACREDITATION

Polimaster Europe, UAB Calibration laboratory, accredited in accordance with **LST EN ISO/IEC 17025:2018**

Location of the conformity assessment body:

Ezero str. 4, Didziasalio k., Nemezio sen., LT-13264, Vilniaus district, Republic of Lithuania

Calibration and measurement capability (CMC) expressed as:

Measurand	Reference number of calibration method or procedure	Type of instrument to be calibrated	Measurement range and additional parameters (where applicable)	Measurement uncertainty
Air kerma rate, $\dot{K}_{air}$	VPMI CM 001-2024 (direct measurement method) (2nd edition)	Dosimetric gamma-radiation facility UDG-PM9000	$5{,}0 \cdot 10^{-9}$ Gy·s^{-1} to $6{,}8 \cdot 10^{-3}$ Gy·s^{-1}	(2,8 … 3,9) %
Air kerma rate, $\dot{K}_{air}$	VPMI CM 002-2023 (comparison method) (1st edition)	Spherical ionization chambers for radiation protection measurements	$5{,}0 \cdot 10^{-9}$ Gy·s^{-1} to $6{,}8 \cdot 10^{-3}$ Gy·s^{-1}	(2,8 … 3,8) %
		Dosimeters of air kerma rate		(2,9 … 4,6) %
Ambient dose equivalent rate, $\dot{H}^*(10)$		Ambient dosimeters and dosimeters-radiometers	$2{,}1 \cdot 10^{-5}$ Sv·h^{-1} to $1{,}2 \cdot 10^{1}$ Sv·h^{-1}	(4,9 … 6,1) %
Personal dose equivalent, $H_p(10)$		Personal radiation dosimeters	$2{,}0 \cdot 10^{-7}$ Sv to $2{,}0 \cdot 10^{1}$ Sv	(5,0 … 6,1) %

Calibration and measurement capability (CMC) expressed as:				
Measurand	**Reference number of calibration method or procedure**	**Type of instrument to be calibrated**	**Measurement range and additional parameters (where applicable)**	**Measurement uncertainty**
Personal dose equivalent rate, $\dot{H}_p(10)$	VPMI CM 003-2023 (direct measurement method) (1st edition)	Personal radiation dosimeters	$2{,}0 \cdot 10^{-7}$ Sv·h^{-1} to $1{,}2 \cdot 10^{1}$ Sv·h^{-1}	(4,5 ... 8,0) %
Ambient dose equivalent rate, $\dot{H}^*(10)$		Ambient dosimeters and dosimeters-radiometers	$2{,}0 \cdot 10^{-7}$ Sv·h^{-1} to $1{,}2 \cdot 10^{1}$ Sv·h^{-1}	(4,5 ... 8,0) %
Personal dose equivalent, $H_p(10)$		Personal radiation dosimeters	$2{,}0 \cdot 10^{-7}$ Sv to $2{,}5 \cdot 10^{1}$ Sv	(4,6 ... 8,0) %
Ambient dose equivalent, $H^*(10)$		Ambient dosimeters and dosimeters-radiometers	$2{,}0 \cdot 10^{-7}$ Sv to $2{,}5 \cdot 10^{1}$ Sv	(4,6 ... 8,0) %
Flux density of alpha-radiation φ_α	VPMI CM 004-2023 (direct measurement method) (1st edition)	Radiometers for measuring flux density of alpha-radiation	$2{,}0 \cdot 10^{2}$ min^{-1}·cm^{-2} to $2{,}0 \cdot 10^{4}$ min^{-1}·cm^{-2}	(13,9 ... 24,2) %
Flux density of beta-radiation, φ_β		Radiometers for measuring flux density of beta-radiation	$4{,}0 \cdot 10^{1}$ min^{-1}·cm^{-2} to $1{,}2 \cdot 10^{5}$ min^{-1}·cm^{-2}	(9,3 ... 15,4) %
Surface activity of alpha-radiation, $A_{S\alpha}$		Radiometers for measuring surface activity of alpha-radiation	6,0 Bq·cm^{-2} to $6{,}0 \cdot 10^{2}$ Bq·cm^{-2}	(14,3 ... 24,4) %
Surface activity of beta-radiation, $A_{S\beta}$		Radiometers for measuring surface activity of beta-radiation	1,8 Bq·cm^{-2} to $5{,}4 \cdot 10^{3}$ Bq·cm^{-2}	(10,0 ... 15,8) %
Specific activity of gamma emitters, $A_{SA}(A_{VA})$	VPMI CM 005-2024 (direct measurement method) (2nd edition)	Multipurpose radiation monitor/identifier PM1401K-3	$7{,}5 \cdot 10^{2}$ Bq·kg^{-1} (Bq·l^{-1}) to $1{,}2 \cdot 10^{4}$ Bq·kg^{-1} (Bq·l^{-1})	(7,8 ... 12,4) %

Note. In case of any discrepancies, ambiguities or disputes regarding the subject matter content between the English and Lithuanian versions of the document, the Lithuanian version shall prevail.

The accreditation certificate is signed with a qualified electronic signature as an attachment to the order of the Director of the National Accreditation Bureau, by which it was approved