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CALIBRATION CERTIFICATE

Personal Combined Radiation Detector/Dosimeter PM1703MO-1BT

Serial No.: 170725

Gamma Sensitivity

DER, $\mu\text{Sv/h}$	^{137}Cs	DER, $\mu\text{Sv/h}$	^{241}Am
8,0	107,23 $\text{s}^{-1}/(\mu\text{Sv/h})$	8,0	133,40 $\text{s}^{-1}/(\mu\text{Sv/h})$

Dose Equivalent Rate (DER)

DER	Background $\mu\text{Sv/h}$	0,8 $\mu\text{Sv/h}$	8 $\mu\text{Sv/h}$	800 mSv/h	8000 mSv/h
Tolerance, %	-	$\pm 23,13$	$\pm 20,31$	$\pm 21,6$	$\pm 36,0$
\bar{H}_j	0,11	0,95	7,44	774,84	8442,20
Q_j	-	5,00	-8,38	-3,15	5,53
δ	-	6,41	9,79	4,78	6,92

The instrument is within the specified tolerance and passed the quality control.

Head of Quality Control Department: _____ **Date of calibration:** 15.03.2018

