

CERTIFICATE OF CALIBRATION

Device: P/N: **TSR4S**, S/N: **19039**, Type: Radon monitor

Interval: From 13.11.2025, 9 a.m. to 14.11.2025, 9 a.m.

Value: RVA (Radon volume activity) = 2,0 kBq/m³

Method: Comparison of RVA average values in same time interval and in same air volume

Location: Factory calibration in Prague/Czech Republic

Reference: Radon monitor Saphymo AlphaGUARD, SN: EF2388, verification by Czech Metrology Institute valid to: 16.06.2027
Source Ra-226 RF20, SN: 210316-524045, Czech Metrology Institute production date: 31.05.2016

Tolerance: ± 10 % of average value RVA (factory specification);
2,0 kBq/m³ RVA; 24 hours measurement time interval;
temperature range 15°C ÷ 30°C, relative humidity range 20% ÷ 40%

Results:

S/N	Reference	Device	Mean deviation
19039	1920 Bq/m ³	1960 Bq/m ³	+ 2,1 %

*The expanded uncertainty of measurement corresponding to the measurement results is stated as the standard uncertainty of measurement multiplied by the coverage factor $k=2$. Usually the true value is located in the corresponding interval with probability of approximately 95%.
All standards are traceable to ČMI (Czech Metrology Institute).*

Location and date:

Prague, 14.11.2025

Calibrated by:



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Simandl Martin (Engineer)

Approved by:



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Línová Renata (Quality manager)

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