



Scientific & Production
Enterprise

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CALIBRATION CERTIFICATE

Date of calibration: 16.11.2019

Type: Detection unit BDKG-204

S/N: 355

Measurement limits:

BDKG-204: 0.05 μ Sv/h – 10 Sv/h;

Measurement error:

BDKG-204: ± 20 %

Operating conditions:

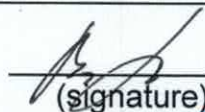
Air temperature	+21°C
Atmospheric pressure	99,5 kPa
Relative humidity	77 %

The instrument is calibrated on the standard dosimetry facility AT-130, N 015, error $\pm 4\%$ (the Certificate of Compliance N 210-1427/18 as of 23.10.2018 issued by FGUP "D.I.Mendeleyev VNIIM", St. Petersburg, Russia); AT-110, N 013, error $\pm 5\%$ (the Certificate of Compliance N 210-1426/18 as of 22.10.2018 issued by FGUP "D.I.Mendeleyev VNIIM", St. Petersburg, Russia).

Calibration data BDKG-204 (3)

Conventionally true value (CTV) of dose rate, $\dot{H}^*_{0i}(10)$	Calibration data, $\dot{H}^*_{i(10)}$
0.70 μ Sv/h	0.70 μ Sv/h
7.0 μ Sv/h	7.0 μ Sv/h
70.0 μ Sv/h	70.0 μ Sv/h
0.70 mSv/h	0.64 mSv/h
7.0 mSv/h	7.1 mSv/h
70.0 mSv/h	66.0 mSv/h
0.7 Sv/h	0.71 Sv/h
7.0 Sv/h	6.8 Sv/h
10.0 Sv/h	10.1 Sv/h

Calibrated by: V. Pisarenko


(signature)

Technical control: N. Kurbatova


(signature)

