

Probe Type: Gamma Dose Rate Probe MIRA
 Serial No.: 31101
 Firmware Version: 2.3.0
 Measured Variable: Ambient dose rate equivalent H*(10) according to ICRU, 1985
 Compliance: ISO 4037-3:1999
 Measurement Description: <https://confluence.envinet.com/display/MIRA/Step+6.+Kalibrierung+Gamma+Calibrator+OB20-BA+11/89-003+Rev.+0>
 Dosimetry Facility: Helmholtz Zentrum München, Institut für Strahlenschutz
 Date: 26.10.2022
 Execution by: M.Miller ENVINET GmbH
 Measurement Conditions: Temperature (°C) 19,9
 Background dose rate (uSv/h) 0,075
(measured with proportional counter FAG Kugelfischer FHZ600A)
 Gamma Radiation Source: Cs-137 (662keV)
 Measure Interval: 1 min

Total Dose Rate:

Reference dose rate Hr*(10)	Measured dose rate Hm*(10)	Relative deviation δ 1*
Background measured	0,066 uSv/h	
Low dose range		
42,2 uSv/h	43,4 uSv/h	2,9 %
420 uSv/h	419 uSv/h	-0,3 %
High dose range		
492 mSv/h	483 mSv/h	-1,8 %

Execution: Haar,

27.10.22

(date)



(signature)

1* $\delta = (Hm*(10) - Hr*(10)) / (Hr*(10)) \times 100\%$

Technical contents are subject to change without notice!