



# Certificate

273-SB.00C02

**PPU Umwelttechnik GmbH**

Carl-Kolb-Str. 6, 95448 Bayreuth, Germany

**Small wastewater treatment system Quick 1+**

SBR process with aerobic sludge stabilisation in a one-chamber tank

**52 weeks sludge test**

consisting of the following phases:

38 weeks test sequence according to EN 12566 Part 3, Annex B  
and 14 weeks nominal sequence with 100 %

This certificate is valid until 18 May 2025.

Nominal organic daily load (influent)	0.23 kg BOD <sub>5</sub> /d
Nominal hydraulic daily load	0.75 m <sup>3</sup> /d
Material	Polyethylene
Treatment efficiency	COD 94.5 % BOD <sub>5</sub> 98.3 % NH <sub>4</sub> - 99.5 % SS 96.4 %
Sludge level after 52 weeks (after settling phase):	61 cm
Mixed liquor suspended solids (MLSS) after 52 weeks:	8.4 g/l
Maximum water level:	130 cm

\* determined for temperatures  $\geq 12^{\circ} \text{C}$  in the bioreactor

Tested by:

**PIA – Prüfinstitut für Abwassertechnik GmbH**

(PIA GmbH)

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This document replaces neither the declaration  
of performance nor the CE marking.



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May 2022



Notified Body  
No.: 1739

