



# Certificate

273.02C07

**PPU Umwelttechnik GmbH**  
Carl-Kolb-Str. 6, 95448 Bayreuth, Germany

**EN 12566-3, Annex B**  
Small wastewater treatment systems for up to 50 PT

**Small wastewater treatment system Quick 1+**  
SBR treatment process in a one-chamber tank

Test report PIA2016-273B11.02

This certificate is valid until 18 May 2025.

## *Evaluation of the nominal sequences of the 38-week testing*

Nominal organic daily load	0.23 kg BOD <sub>5</sub> /d		
Nominal hydraulic daily load	0.75 m <sup>3</sup> /d		
Material	Polyethylene		
Treatment efficiency	Efficiency	Effluent	
	COD	93.7 %	48 mg/l
	BOD <sub>5</sub>	98.1 %	6 mg/l
	TN <sub>b</sub>	67.6 %	18 mg/l
	NH <sub>4</sub> -N*	99.4 %	0.2 mg/l
	SS	95.8 %	17 mg/l

## *Evaluation of the complete 38-week testing*

Electrical consumption 0.52 kWh/d

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

Tested by:

**PIA – Prüfinstitut für Abwassertechnik GmbH**  
(PIA GmbH)  
Hergenrather Weg 30  
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This document replaces neither the declaration of performance nor the CE marking.

PIA – Sustainable Certification  
*Martina Wermter*  
geprüft – tested – testé

Martina Wermter

May 2022



Notified Body  
No.: 1739

