



Prüfinstitut für  
Abwassertechnik  
GmbH

## PERFORMANCE RESULTS

### Portapura Limited

Etruria, Brightwell Walk, Irthlingborough, NN9 5PJ, UK

### EN 12566-3, Annex B

Small wastewater treatment systems for up to 50 PT

### Small wastewater treatment system Portapura

Aerated Biomedia system in one GRP tank

Test report PIA2018-308B10

Nominal organic daily load	0.10 kg BOD <sub>5</sub> /d		
Nominal hydraulic daily load	0.30 m <sup>3</sup> /d		
Material	GRP		
Treatment efficiency (nominal sequences)	Efficiency	Effluent	
	COD	94.9 %	54 mg/l
	BOD <sub>5</sub>	95.8 %	14 mg/l
	N <sub>tot</sub>	59.6 %	23 mg/l
	NH <sub>4</sub> -N*	98.1 %	0.7 mg/l
	P <sub>tot</sub>	54.4 %	3.5 mg/l
	SS	94.5 %	19 mg/l
Electrical consumption	1.8 kWh/d		

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

Performance tested by:

### PIA – Prüfinstitut für Abwassertechnik GmbH

(PIA GmbH)

Hergenrather Weg 30

52074 Aachen, Germany

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



Notified Body  
No.: 1739



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ISO 9001:2008



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Prüfinstitut für Abwassertechnik GmbH

*M. Wermter*  
geprüft - tested - teste

Martina Wermter

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