



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 ₅ /d		
Nominal hydraulic daily load	0.30 m ³ /d		
Material	GRP		
Treatment efficiency (nominal sequences)	Efficiency	Effluent	
	COD	94.9 %	54 mg/l
	BOD ₅	95.8 %	14 mg/l
	N _{tot}	59.6 %	23 mg/l
	NH ₄ -N*	98.1 %	0.7 mg/l
	P _{tot}	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



Certified according to
ISO 9001:2008



Deutsche
Akkreditierungsstelle
D-PL-17712-01-00



Martina Wermter

August 2018