



Certificate

141.01C07

KLARO GmbH

Spitzwegstr. 63, 95447 Bayreuth, Germany

EN 12566-3, Annex B

Small wastewater treatment systems for up to 50 PT

Small wastewater treatment system oneAdvanced

oneAdvanced 8-10 PE, oneAdvanced 10-14 PE, oneAdvanced 12-16 PE, oneAdvanced 16-22 PE
oneAdvanced 20-28 PE, oneAdvanced 25-32 PE, oneAdvanced 32-44 PE, oneAdvanced 42-50 PE
Sequential Batch Reactor (SBR)

Test report PIA2011-141B15e

Evaluation of the nominal sequences of the 38-week testing

Nominal organic daily load (influent)	0.39 kg BOD ₅ /d		
Nominal hydraulic daily load	1.2 m ³ /d		
Material	Polypropylene		
Treatment efficiency		Efficiency	Effluent
	COD	91.9 %	51 mg/l
	BOD ₅	95.9 %	12 mg/l
	TN _b *	62.0 %	21.1 mg/l
	NH ₄ -N*	65.6 %	12 mg/l
	P _{tot}	53.5 %	3.8 mg/l
	SS	94.4 %	20 mg/l

Evaluation of the complete 38-week testing

Electrical consumption 0.95 kWh/d

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

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.

PIA – Sustainable Certification
Le. Wermter
geprüft – tested – testé

Martina Wermter

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Notified Body
No.: 1739

