Prüfinstitut für Abwassertechnik GmbH

PERFORMANCE RESULTS

Clenviro Ltd
Unit 1C, Queensway Business Park, Telford, Shropshire, TF1 7UL
England

EN 12566-3, Annex B
Results corresponding to the Irish National Annex for IS EN 12566-3

Small wastewater treatment system MATRIX CLF
Submerged fixed film process

Test report PIA2008-093B49

Nominal organic daily load*	0.34 kg/d		
Nominal hydraulic daily load	1.20 m^3/d		
Material	polypropylene		
Watertightness (Annex A)	pass		
Structural behaviour (pit test)	pass (also wet conditions)		
Durability	pass		
Treatment efficiency (nominal sequences)		Efficiency	Effluent
	COD	91.4 %	56 mg/l
	BOD_5	96.2 %	11 mg/l
	SS	95.5 %	16 mg/l
	NH_4-N**	83.3 %	5.9 mg/l
Electrical consumption	1.4 kWh/d		

**at a test influent of ≥ 300 mg/l BOD_5 (mean)*
***determined for temperatures ≥ 12°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

DAkkS Deutsche Akkreditierungsstelle D-PL-17712-01-00

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