



Prüfinstitut für
Abwassertechnik
GmbH

PERFORMANCE RESULTS

Bio-Microbics, Inc.

8450 Cole Parkway, Shawnee, KS 66227, United States of America

EN 12566-3

Small wastewater treatment systems for up to 50 PT

Small wastewater treatment system FITT-ee

Aerated Fixed Film Process

Test report PIA2015-222B28.01

Nominal organic daily load*	0.29 kg BOD ₅ /d		
Nominal hydraulic daily load	0.90 m ³ /d		
Treatment efficiency (nominal sequences)		Efficiency	Effluent
	COD	90.3 %	66 mg/l
	BOD ₅	94.8 %	16 mg/l
	SS	95.9 %	16 mg/l
	NH ₄ -N**	73.9 %	9.7 mg/l
	N _{tot}	50.8 %	31 mg/l
	P _{tot}	43.2 %	4.2 mg/l
Electrical consumption	1.8 kWh/d		

*at a test influent of ≥ 300 mg/l BOD₅ (mean)

**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

Prüfinstitut für Abwassertechnik GmbH

geprüft - tested - teste

Elmar Lancé

March 2015