

# PERFORMANCE RESULTS

**Bio-Microbics, Inc.**  
8450 Cole Parkway, Shawnee, KS 66227, TW18 1 DT, USA

**EN 12566-3**  
Small wastewater treatment systems for up to 50 PT  
**Small wastewater treatment system FITT-ee-N**  
Aerated Fixed Film Process

Test report PIA2016-264B28

Nominal organic daily load	0.29 kg BOD <sub>5</sub> /d		
Nominal hydraulic daily load	0.90 m <sup>3</sup> /d		
Material	Polyethylene		
Treatment efficiency (nominal sequences)	Efficiency	Effluent	
	COD	93.7 %	52 mg/l
	BOD <sub>5</sub>	96.1 %	12 mg/l
	N <sub>tot</sub> *	65.7 %	22 mg/l
	NH <sub>4</sub> -N*	66.4 %	11 mg/l
	SS	96.8 %	13 mg/l
Electrical consumption	2.0 kWh/d		

*\*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.



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No.: 1739



Certified according to  
ISO 9001:2008



Prüfinstitut für Abwassertechnik GmbH  
*[Signature]*  
Geprüft - tested - testé

Elmar Lancé

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