

# PERFORMANCE RESULTS

**Bio-Microbics Incorporated**  
8450 Cole Parkway, Shawnee, KS 66227, United States of America

**EN 12566-3, Annex B**  
"Small wastewater treatment systems for up to 50 PT"  
**Small wastewater treatment system BioBarrier® 0.5**  
membrane bioreactor (MBR)

Nominal organic daily load	0.47	kg/d
Nominal hydraulic daily load	1.50	m³/d
Material	plastic	
Treatment efficiency (nominal sequences)	COD	97.2 %
	BOD <sub>5</sub>	98.9 %
	SS	99.8 %
	NH <sub>4</sub> -N	96.2 %
Electrical consumption	5.0	kWh/d

Performance tested by:

**PIA - Prüfinstitut für Abwassertechnik GmbH**  
(PIA GmbH)  
Hergenrather Weg 30  
D-52074 Aachen

Certified according to  
ISO 9001:2000



Notified Body number: 1739



This document replaces neither the declaration  
of conformity nor the CE marking.

Prüfinstitut für Abwassertechnik GmbH  
*Elmar Lancé*  
geprüft - tested - teste

Elmar Lancé

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