



Testing Institute
for Wastewater
Technology

PERFORMANCE RESULTS

August IR Ko

Juodasis kelias 104a, 11307 Vilnius
Lithuania

EN 12566-3

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

Small wastewater treatment system VFL® bioreactor AT
Modified continuous activated sludge process (without filter)

Nominal organic daily load*	0.32	kg/d	
Nominal hydraulic daily load	1.20	m ³ /d	
Material	polypropylene		
Watertightness (water test)	pass		
Crushing resistance (calculation method)	pass (dry conditions)		
Durability	pass		
Treatment efficiency (nominal sequences)		Efficiency	Effluent
	COD	88.1 %	59 mg/l
	BOD ₅	97.2 %	7 mg/l
	NH ₄ -N**	96.7 %	1.1 mg/l
	SS	94.0 %	17 mg/l
Electrical consumption	1.7	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
D-52074 Aachen

Certified according to
ISO 9001:2008



Notified Body number: 1739



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

Prüfinstitut für Abwassertechnik GmbH

geprüft - tested - teste

Elmar Lancé

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