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Test Report no. B 52.17.007.02 (en)



Order: **Performing results** - Test of small wastewater treatment system
 according to EN 12566-3, Annex B
 System: Bergmann wsb®-clean, 6 PT
 Type 06 K-S1-PE class C/N +P


Client: Bergmann Umwelttechnik GmbH
 Am Zeisig 8
 09322 Penig

Order dated: 2015-12-11

Test results: Summary of MFA-test report B 52.15.025.06, dated 2018-03-26

Nominal organic daily load (BOD ₅ – load)	0.362	kg/d	
Nominal hydraulic daily load	0.90	m ³ /d	
System material	PE		
Treatment efficiency (nominal sequences)	Efficiency		Effluent
COD	95.6 %		32 mg/l
BOD ₅ / BOD ₇	99.2 %		3 / 4 mg/l
SS	97.3 %		8 mg/l
NH ₄ -N	95.3 %		2.5 mg/l
N _{total}	61.4 %		24.5 mg/l
P _{total}	94.8 %		0.56 mg/l
Temperature during testing in the bioreactor	Minimum	7.5 °C	
	Maximum	20.6 °C	
Electrical consumption	1.56	kWh/d	or 0.26 kWh/(PE*d)

By order


 Dipl.-Ing. J. Köditz
 Head of Department





B.Eng. R. Förster
 Head of the testing laboratory
 Small wastewater treatment
 systems

Weimar,
 2018-03-26