

Table 9: Summary of the models obtained for the aerobic phase

	Y_h	Y_a	α	μ_{hmax}	K_h	K_{oh}	μ_{amax}	K_{nh}	K_{oa}	β	γ	Specific parameters		determination
Model 1.j	1,489	0,804	0,52	1.10^{-4}	1,0278	$3,2.10^{-3}$	$8,5.10^{-3}$	$1,847.10^{-1}$	$2,34.10^{-2}$	$3,94.10^{-1}$	3,4208			1 model per file then a parameter mean value
Model 2	1,489	0,804	0,52	$5,9.10^{-3}$	1,5509	1.10^{-5}	$2,16.10^{-2}$	$2,403.10^{-1}$	$2,16.10^{-2}$	$8,571.10^{-1}$	3,4206			1 model for 9 files
Model 3	1,489	0,804	0,52						2.10^{-3}	2.0519	15.2825	μ_n	μ_a	1 model for 9 files
												$3,8.10^{-3}$	$1,71.10^{-2}$	
Model 4										4.99	2.03	μ_{hmax}	μ_{amax}	1 model for 9 files
												$2,66.10^{-2}$	$4,19.10^{-3}$	