

Table 3. Degradation of phenol in OMWW at different concentrations by isolate 5, compared to *P. columbinus* as reference.

OMWW conc.	Phenol content at 0 time (g/L)	Isolate 5								<i>P. columbinus</i>							
		Weeks								Weeks							
		1		2		3		4		1		2		3		4	
		Res.	%	Res.	%	Res.	%	Res.	%	Res.	%	Res.	%	Res.	%	Res.	%
100%	7.19	6.5	9.5	6.4	10.9	6.4	9	-	-	6.3	11	6	15	6	15	-	-
75%	6.5	5.8	10	5.7	12	5.6	13	-	-	5.3	18	5.1	21	5.1	21	-	-
50%	3.7	3.2	13	2.9	21	2.8	24	-	-	2.9	21	2.6	29	2.6	29	-	-
40%	3.5	2.6	25.7	2.5	28	2.3	34	2.1	40	2.5	28	2.4	31	2.1	40	1.8	48
30%	2.8	1.79	36	1.7	39	1.62	42	1.49	46	1.5	46.4	1.2	57	1.1	60	1	64
20%	1.3	0.83	36.1	0.77	40	0.71	45	0.6	53	0.64	53.8	0.51	61	0.38	70	0.29	77
10%	0.5	0.31	38	0.27	46	0.22	56	0.21	58	0.136	72	0.132	73	0.1	80	0.07	86
LSD	0.38	0.27		0.27		0.16		0.11		0.70		1.27		0.168		0.129	

Table 4. Determination of COD (g/L), in OMWW at different concentration by isolate 5 compared to *P. columbinus* as reference

OMWW conc.	COD values at 0 time (g/L)	Isolate 5								<i>P. columbinus</i>							
		Weeks								Weeks							
		1		2		3		4		1		2		3		4	
		g/L	%	g/L	%	g/L	%	g/L	%	g/L	%	g/L	%	g/L	%	g/L	%
100%	99.4	96.6	2.4	98.9	0.50	102	0	-	-	93.7	5.7	96.6	2.8	99.4	0	-	-
75%	74.1	68.7	7	71.4	3.60	76.9	0	-	-	65.9	11	68.7	7.2	74.1	0	-	-
50%	50	42.1	15.8	39.6	20	44.7	10.6	-	-	39.6	20.8	37	26	39.6	20.8	-	-
40%	37	28	24.3	26.5	28.3	25	32.4	22.4	39.4	25.4	31.3	23	37.8	21.8	41	19.3	47
30%	29.4	19.7	33	17.6	40	15	48.9	13.8	53	17.8	39.4	16.2	44.8	13	55.7	11.5	60.8
20%	23.7	14.7	38	12.9	45.5	9.5	59	7.5	68.3	13.3	43	10.7	55.6	8.8	62.8	6.4	72.9
10%	10.3	5.5	46.6	4.2	59.2	3.6	65	2.1	79.6	4.4	57	3.2	68.9	2.8	80	1.4	86
LSD	2.05	1.01		1.19		1.05		1.25		1.91		1.46		1.64		1.07	