



## PC-BOD Multi Rack BOD Times

**ESTIMATE ONLY** ----- Based on 4-pump BOD system with 15mL/minute seed and inhibitor pumps and 1200mL/min dilution pump. 3 dilutions per sample when utilizing 'Skip Rinse' feature and recommend probe stability times. Average of 10mL sample volume with inhibitor added to every sample.

**How to Use: Enter seed/inhibitor volumes and find result based on number of racks used.**

Seed per Bottle (mL)	2
Inhibitor per Bottle (mL)	2
Membrane Probe Initial Stability Time (s)	30
Membrane Probe Final Stability Time (s)	30
Optical Probe Initial Stability Time (s)	45
Optical Probe Final Stability Time (s)	90

Initials					
Number of Racks	Number of Bottles	Seed (mL)	Inhibitor (mL)	Total Time for Membrane Probe (h:mm:ss)	Total Time for Optical Probe (h:mm:ss)
1	18	2	2	0:28:48	0:33:18
2	36	2	2	0:57:36	1:06:36
3	54	2	2	1:26:24	1:39:54
4	72	2	2	1:55:12	2:13:12
5	90	2	2	2:24:00	2:46:30

Finals			
Number of Racks	Number of Bottles	Total Time for Membrane Probe (h:mm:ss)	Total Time for Optical Probe (h:mm:ss)
1	18	0:17:00	0:35:00
2	36	0:34:00	1:10:00
3	54	0:51:00	1:45:00
4	72	1:08:00	2:20:00
5	90	1:25:00	2:55:00