

February 2008

0009 BioTector Sample Out Fluid Quantity

## BIOTECTOR SAMPLE OUT FLUID QUANTITY

Table below summarises the amount of typical oxidised Sample Out Fluid quantities (ml) discharged from the BioTector at the end of each reaction cycle. The quantities of Total Sample and Acid & Base reagents are also given in the table to illustrate that the injected quantities and thus the sample out fluid quantity varies with TOC range.

BioTector	TOC Ranges	IR Detector Range (ppm)	Total Sample Quantity (ml)	Total Acid & Base Quantity (ml)	Total Sample Out Fluid Quantity (ml)
<b>Ultra Low Range</b> (µg/l) - (ppb)	<b>0- 5000</b>	2000	14.00	2.0	16.0
<b>Low Range</b> (mgC/l) - (ppm)	<b>0- 10</b>	5000	8.40	6.6	15.0
	<b>0 - 50</b>	10000	8.38	6.6	15.0
	<b>0 - 100</b>	10000	7.00	6.6	13.6
	<b>0 - 125</b>	10000	6.08	6.6	12.7
	<b>0 - 150</b>	10000	4.70	6.6	11.3
	<b>0 - 200</b>	10000	3.78	6.6	10.4
	<b>0 - 250</b>	10000	2.86	6.6	9.5
	<b>0 - 300</b>	10000	2.40	6.6	9.0
	<b>0 - 500</b>	10000	1.94	10.1	12.1
	<b>0 - 700</b>	10000	1.48	10.1	11.6
<b>Standard Ranges</b> (mgC/l) - (ppm)	<b>0 - 1000</b>	10000	1.02	10.1	11.1
	<b>0 - 2000</b>	10000	0.56	10.1	10.7
	<b>0 - 10000</b>	10000	0.10	13.6	13.7
	<b>High Range</b> (mgC/l) - (ppm)	<b>0 - 20000</b>	15000	0.10	19.4
<b>Ultra High Range</b> (mgC/l) - (ppm)	<b>0 - 100000</b>	15000	0.02	13.6	13.6