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**CERTIFICATE OF TOC CALIBRATION
 FOR ANATEL PAT700 TOTAL ORGANIC CARBON ANALYZERS**

Unit Under Calibration MODEL #PAT700 SERIAL #1611	Reference Unit MODEL #PAT700 SERIAL #1265	Calibration: #2681 Test: #1 CALIBRATION DATE: 3/16/16
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TEST DATA:
 Temperature in Degrees C
 Resistivity in Meg Ohms-cm (Compensated)
 Conductivity in uS/cm
 TOC in PPB (Parts Per Billion)

Accuracy Limits:
 (±) 0.5 Degree Centigrade; 0-100 DEG
 (±) 2% .5 to 18.3 Meg Ohms-cm
 (±) 2%; 0.055 uS/cm to 2 uS/cm;
 (±) 5% or (±) 1PPB; 1PPB to 1000PPB
 (whichever is greater)

TOC Range Calibration Data

REF TIME	REF RES	UNIT RES	%REF RES	REF TEMP	UNIT TEMP	DIFF TEMP	REF TOC	UNIT TOC	DIFF TOC	%REF TOC
17:17:16	17.83	17.85	0.1%	25.01	24.97	-0.04	1171	1171	+0	0.0%
18:07:21	17.87	17.85	-0.1%	24.96	24.99	+0.03	870	868	-2	-0.2%
19:10:19	17.95	17.91	-0.2%	24.88	24.92	+0.04	512	511	-1	-0.2%
19:56:07	17.99	17.96	-0.2%	24.76	24.81	+0.05	292	297	+5	1.7%
20:37:57	18.00	18.02	0.1%	24.75	24.74	-0.01	150	150	+0	0.0%
21:06:21	18.01	18.03	0.1%	24.76	24.79	+0.03	72	74	+2	2.8%
21:15:49	18.03	18.06	0.2%	24.75	24.75	+0.00	55	57	+2	3.6%
22:30:01	18.14	18.12	-0.1%	24.62	24.65	+0.03	6	7	+1	+1PPB
22:37:50	18.15	18.12	-0.2%	24.60	24.64	+0.04	6	6	+0	+1PPB
23:07:27	18.15	18.13	-0.1%	24.59	24.62	+0.03	4	4	+0	+1PPB

AMBIENT CONDITIONS Temperature: 24.80 Degrees C Relative Humidity: 30

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AnateL Technician Date:

Department Manager Date: