

# Certificate of Calibration

Date of Issue: March 24<sup>th</sup>, 2015

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Name of Device: Portable Odour Measurement Apparatus – 20 min Carbon

Part #:SM100 and SM100i

Conditions: T: 21.5°C ± 2°C P: 80 PSI ± 1 PSI

Plate #s: i, H, A, 3, 2, 1

Position	i	H	A	3	2	1
1	30000	101	678	656	3600	30000
2	15000	60	319	328	1441	15000
3	8100	45	176	219	1201	10000
4	3150	35	98	164	721	7500
5	1700	28	62	131	600	6000
6	900	24	35	109	515	5000
7	450	19	24	94	450	4300
8	270	13	17	82	390	3750
9	110	11	13	73	350	3330
10	55	9	10	66	300	3000
11	35	7	8	60	280	2700
12	17	6	7	55	260	2500
13	8	5	6	51	235	2300
14	4	4	5	47	222	2140
15	2	3	4	44	200	2000
NP	2	2	2	2	2	2

N-Butanol μL	Concentration ppm	Dilution Lower limit (20 ppb)	Dilution Upper limit (80 ppb)	Plate	Range
<b>1</b>	40	2000	500	2	2 to 7
<b>0.75</b>	30	1500	375	2	2 to 9
<b>0.5</b>	20	1000	250	2	4 to 12
<b>0.25</b>	10	500	125	3	1 to 5
<b>0.1</b>	4	200	50	3	3 to 10

Uncertainty of Measurement: ±5% of TARGET value based on a confidence ≥95%.