



Methyl Iodide Retention Efficiency Vs. Flow Rate
 ASTM D 3803 Method A
 TE2.5M, 2.5"x1.5", 30x50, 8-28-1984

Quadratic Equation: $Y = -0.0545x^2 + 0.0572x + 100$

Standard Deviation: 0.01555

Table of Residuals

No.	X Obs. (SCFM)	Y Obs.	Y Calc.	Difference
1	1.00	99.99	100.00	-0.01
2	1.50	99.98	99.96	0.02
3	2.00	99.89	99.90	-0.01

Evaluation of Y

No.	X Given (CFM)	X Given(LPM)	Y Calculated
1	0.25	7.08	100.01
2	0.50	14.16	100.01
3	0.75	21.24	100.01
4	1.00	28.32	100.00
5	1.25	35.40	99.99
6	1.50	42.48	99.96
7	1.75	49.55	99.93
8	2.00	56.63	99.90
9	2.25	63.71	99.85
10	2.50	70.79	99.80
11	2.75	77.87	99.75
12	3.00	84.95	99.68
13	3.25	92.03	99.61
14	3.50	99.11	99.53
15	3.75	106.19	99.45
16	4.00	113.27	99.36
17	4.25	120.35	99.26
18	4.50	127.43	99.15
19	4.75	134.51	99.04
20	5.00	141.58	98.92