



Methyl Iodide Retention Efficiency Vs. Flow Rate
 ASTM D 3803-1989
 FJ433, TE3, Short, 20x40, M-4072, February 1992

Quadratic Equation: $Y = 0.0033x^2 - 0.0369x + 100.06$

*Note: Use values in SLPM for X in this equation.

Standard Deviation: 0.03043

Table of Residuals

No.	X Obs. (SLPM)	Y Obs.	Y Calc.	Difference
1	2.00	99.99	100.00	-0.01
2	4.00	100.00	99.97	0.03
3	5.00	99.92	99.96	-0.04
4	7.00	99.97	99.96	0.01

Evaluation of Y

No.	X Given (CFM)	X Given(LPM)	Y Calculated
1	0.07	1.98	100.00
2	0.08	2.27	99.99
3	0.09	2.55	99.99
4	0.10	2.83	99.98
5	0.11	3.11	99.98
6	0.12	3.40	99.97
7	0.13	3.68	99.97
8	0.14	3.96	99.97
9	0.15	4.25	99.96
10	0.16	4.53	99.96
11	0.17	4.81	99.96
12	0.18	5.10	99.96
13	0.19	5.38	99.96
14	0.20	5.66	99.96
15	0.21	5.95	99.96
16	0.22	6.23	99.96
17	0.23	6.51	99.96
18	0.24	6.80	99.96
19	0.25	7.08	99.96
20	0.26	7.36	99.97