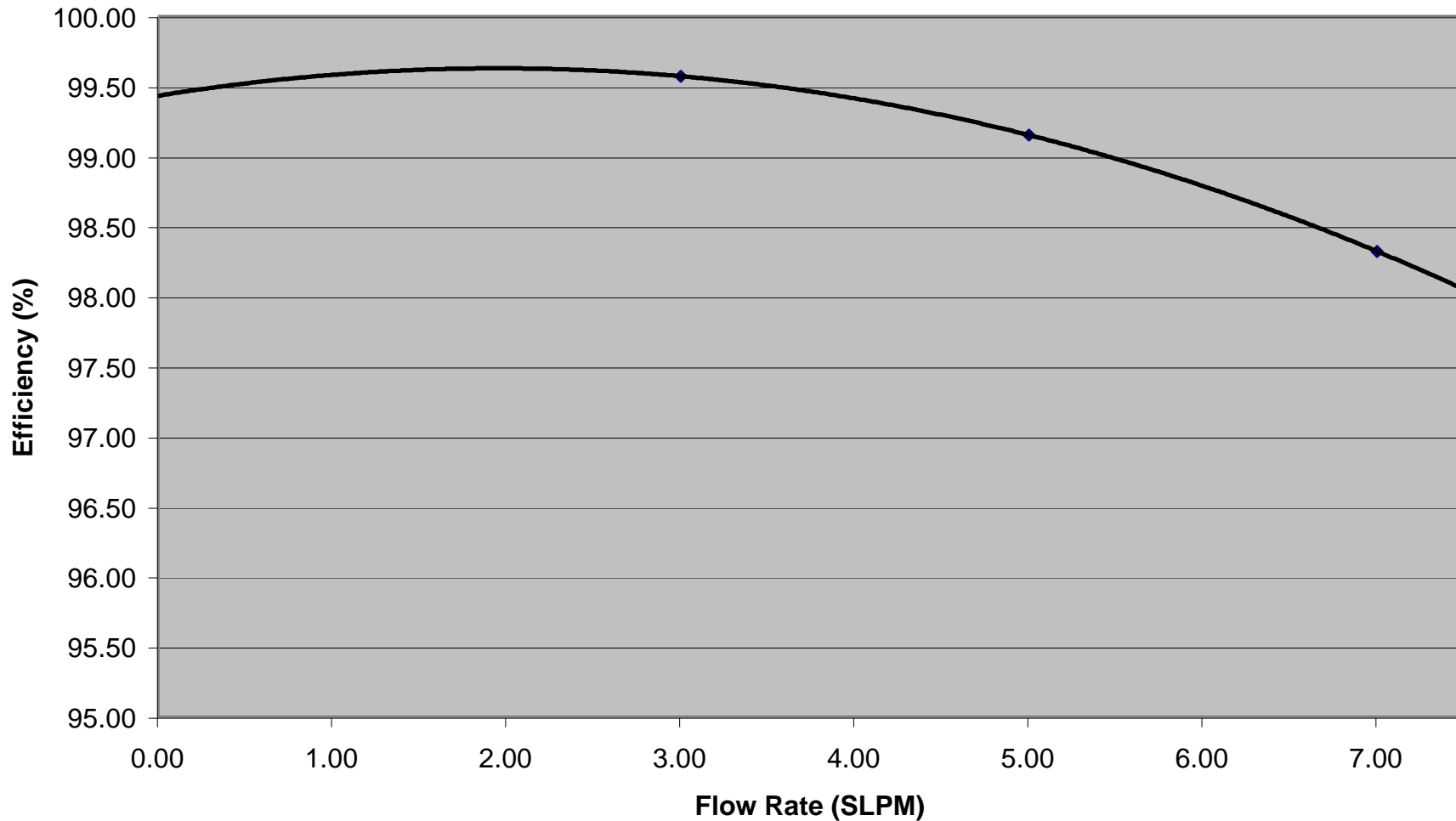


**CH<sub>3</sub>I Retention Efficiency Vs. Flow Rate**  
**ASTM D 3803 Method A**  
**FJ434, AGZ, Intermediate, 30x50, 1-3-1989**



Methyl Iodide Retention Efficiency Vs. Flow Rate  
 ASTM D 3803 Method A  
 FJ434, AGZ, Int, 30x50, 861015, 1-3-1989

Quadratic Equation:  $Y = -0.0512x^2 + 0.2x + 99.431$

\*Note: This equation uses x in SLPM.

Standard Deviation: 0.00101

Table of Residuals

No.	X Obs. (SLPM)	Y Obs.	Y Calc.	Difference
1	3.00	99.57	99.57	0.00
2	5.00	99.15	99.15	0.00
3	7.00	98.32	98.32	0.00

Evaluation of Y

No.	X Given (CFM)	X Given(LPM)	Y Calculated
1	0.10	2.83	99.59
2	0.11	3.11	99.56
3	0.12	3.40	99.52
4	0.13	3.68	99.47
5	0.14	3.96	99.42
6	0.15	4.25	99.36
7	0.16	4.53	99.29
8	0.17	4.81	99.21
9	0.18	5.10	99.12
10	0.19	5.38	99.02
11	0.20	5.66	98.92
12	0.21	5.95	98.81
13	0.22	6.23	98.69
14	0.23	6.51	98.56
15	0.24	6.80	98.43
16	0.25	7.08	98.28
17	0.26	7.36	98.13
18	0.27	7.65	97.97
19	0.28	7.93	97.80
20	0.29	8.21	97.62