



Methyl Iodide Retention Efficiency Vs. Flow Rate
 ASTM D 3803-1989
 AGZ15M, Intermediate, 2.5" x 1.5", 30x50, 910620-AG, 4-30-1992

Quadratic Equation: $Y = -0.1600342x + 100.1601$

Standard Deviation: $1.789252E^{-05}$

Table of Residuals

| No. | X Obs. | Y Obs. | Y Calc. | Difference |
|-----|--------|--------|---------|------------|
| 1 | 1.00 | 100.00 | 100.00 | 0.00 |
| 2 | 1.50 | 99.92 | 99.92 | 0.00 |
| 3 | 2.00 | 99.84 | 99.84 | 0.00 |

Evaluation of Y

| No. | X Given (CFM) | X Given(LPM) | Y Calculated |
|-----|---------------|--------------|--------------|
| 1 | 0.50 | 14.16 | 100.08 |
| 2 | 0.75 | 21.24 | 100.04 |
| 3 | 1.00 | 28.32 | 100.00 |
| 4 | 1.25 | 35.40 | 99.96 |
| 5 | 1.50 | 42.48 | 99.92 |
| 6 | 1.75 | 49.55 | 99.88 |
| 7 | 2.00 | 56.63 | 99.84 |
| 8 | 2.25 | 63.71 | 99.80 |
| 9 | 2.50 | 70.79 | 99.76 |
| 10 | 2.75 | 77.87 | 99.72 |
| 11 | 3.00 | 84.95 | 99.68 |
| 12 | 3.25 | 92.03 | 99.64 |
| 13 | 3.50 | 99.11 | 99.60 |
| 14 | 3.75 | 106.19 | 99.56 |
| 15 | 4.00 | 113.27 | 99.52 |