

TRIP Intercomparison Results: May 31, 2002

Second Semester QC Sample Results Reference time: 12:00 GMT, October 15, 2001

| Facility Code | ¹²⁵ I (dpm) | Uncertainty (dpm) | Bias | ANSI N13.30 bias criteria |
|---|------------------------|---------------------|-------|---------------------------|
| ANSI N13.30 acceptable range (dpm) | | 1.31E+06 - 2.63E+06 | | |
| Certified value | 1.75E+06 | 5.25E+04 | | |
| 2-100 | NR | NR | NR | NR |
| 2-600 | NR | NR | NR | NR |
| 7 | 1.52E+06 | 1.37E+04 | -0.13 | Pass |
| 12 | NR | NR | NR | NR |
| 25 | 2.20E+06 | 1.13E+04 | 0.26 | Pass |
| 28 | NR | NR | NR | NR |
| 37 | NR | NR | NR | NR |
| 40 | 8.90E+04 | 2.83E+02 | -0.95 | Fail |
| 52 | 9.84E+05 | 1.14E+05 | -0.44 | Fail |
| 60 | 1.65E+06 | 4.66E+02 | -0.06 | Pass |
| 73 | 2.15E+06 | 4.60E+05 | 0.23 | Pass |
| 99 | 1.87E+06 | 1.82E+05 | 0.07 | Pass |
| Bias = (measured value - certified value) / certified value NR = Not reported | | | | |

I-125 Results

| Facility Code | ¹³¹ I (dpm) | Uncertainty (dpm) | Bias | ANSI N13.30 bias criteria |
|------------------------------------|------------------------|---------------------|-------|---------------------------|
| ANSI N13.30 acceptable range (dpm) | | 9.83E+05 - 1.97E+06 | | |
| Certified value | 1.31E+06 | 3.93E+04 | | |
| 2-100 | NR | NR | NR | NR |
| 2-600 | NR | NR | NR | NR |
| 7 | 8.45E+06 | 5.69+04 | 5.45 | Fail |
| 12 | NR | NR | NR | NR |
| 25 | 8.91E+05 | 2.62E+04 | -0.32 | Fail |
| 28 | NR | NR | NR | NR |
| 37 | NR | NR | NR | NR |
| 40 | 2.10E+06 | 1.38E+03 | 0.60 | Fail |
| 52 | 8.99E+04 | 1.04E+04 | -0.93 | Fail |
| 60 | NR | NR | NR | NR |
| 73 | NR | NR | NR | NR |
| 99 | 1.46E+06 | 1.41E+04 | 0.11 | Pass |

Bias = (measured value - certified value) / certified value NR = Not reported

I-131 Results