

TRIP Intercomparison Results: November 30, 2010

Second Semester QC Sample Results Reference time: 12:00 GMT, October 5, 2010

¹²⁵ I	Sample activity (dpm)	Uncertainty (dpm)
Certified value*	9.02E+05	2.12E+04

I-125 Results

¹²⁵ I	Lowest value (dpm) -25%	Highest value (dpm) +50%
ANSI 13.30 acceptance criteria	6.77E+05	1.35E+06

Facility code	Facility average result (dpm)	Facility uncertainty (dpm)	ANSI 13.30 calculated bias	Meets ANSI 13.30 acceptance criteria
5	8.15E+05	2.29E+03	-0.10	Yes
15	8.76E+05	4.90E+03	-0.03	Yes
25	8.82E+05	3.86E+05	-0.02	Yes
29A	8.43E+05	1.19E+04	-0.07	Yes
29B*	6.11E+05	1.01E+04	-0.32	No
35	9.03E+05	1.31E+05	0.00	Yes
45	9.43E+05	1.81E+03	0.05	Yes
55	1.09E+06	1.63E+04	0.21	Yes
65	7.83E+05	1.59E+05	-0.13	Yes
85	9.73E+05	2.96E+03	0.08	Yes
87	9.43E+05	2.91E+03	0.05	Yes
95	NR	NR	NR	NR

Bias = (measured value - certified value) / certified value NR = Not reported *Sample counted using UCB phantom.

¹³¹ I	Sample activity (dpm)	Uncertainty (dpm)
Certified value	1.28E+06	1.04E+04

I-131 Results

¹³¹ I	Lowest value (dpm) -25%	Highest value (dpm) +50%
ANSI 13.30 acceptance criteria	9.59E+05	1.92E+06

Facility code	Facility average result (dpm)	Facility uncertainty (dpm)	ANSI 13.30 calculated bias	Meets ANSI 13.30 acceptance criteria
5	1.17E+06	9.57E+03	-0.08	Yes
15	1.57E+06	1.70E+04	0.23	Yes
25	1.39E+06	6.10E+05	0.09	Yes
35	1.16E+06	4.58E+04	-0.09	Yes

45	1.18E+06	2.02E+03	−0.08	Yes
55	1.09E+06	1.63E+04	−0.14	Yes
65	1.16E+06	3.79E+05	−0.09	Yes
95	NR	NR	NR	No
Bias = (measured value - certified value) / certified value NR = Not reported				