

Pharmaceutical Round Robin Proficiency Testing Program Round 37

<u>Round</u>	<u>Analyte</u>	<u>Lab</u>	<u>Mcg Found</u>	<u>Mcg Added</u>	<u>% Recovery</u>	<u>Round Score^</u> <u>Result</u>	<u>% Accept.</u>	<u>Three Round Score^^</u> <u>No. Passing</u>	<u>Proficiency</u>
35	Diflunisal	102800	77.3	76.35	101	A	83%	2/3	P
		102800	58.1	56.26	103	A	Pass		
		102800	40.2	40.18	100	A			
		102800	19.4	20.10	96.5	A			
		102800	13.9	15.07	92.2	A			
		102800	3.6	4.019	89.6	L			

Performance Limit Range#: 90 - 110% Recovery

Round Performance Statistics*: (n=66)				Round Performance*:
Mean	101.6	A	88%	A
SD	7.0	L	3%	
CV (%)	6.9	H	9%	

<u>Round</u>	<u>Analyte</u>	<u>Lab</u>	<u>Mcg Found</u>	<u>Mcg Added</u>	<u>% Recovery</u>	<u>Round Score^</u> <u>Result</u>	<u>% Accept.</u>	<u>Three Round Score^^</u> <u>No. Passing</u>	<u>Proficiency</u>
36	Niacin	102800	31.3	31.2	100	A	100%	3/3	P
		102800	63.2	65.6	96.4	A	Pass		
		102800	105.3	101.5	104	A			
		102800	15.5	15.6	99.3	A			
		102800	11.8	11.7	101	A			
		102800	71.9	72.6	99.0	A			

Performance Limit Range#: 90 - 110% Recovery

Round Performance Statistics*: (n=72)				Round Performance*:
Mean	98.8	A	99%	A
SD	3.5	L	1%	
CV (%)	3.6	H	0%	

<u>Round</u>	<u>Analyte</u>	<u>Lab</u>	<u>Mcg Found</u>	<u>Mcg Added</u>	<u>% Recovery</u>	<u>Round Score^</u> <u>Result</u>	<u>% Accept.</u>	<u>Three Round Score^^</u> <u>No. Passing</u>	<u>Proficiency</u>
37	Glipizide	102800	184.7	199.96	92.4	A	83%	3/3	P
		102800	103.7	99.98	104	A	Pass		
		102800	52.9	49.99	106	A			
		102800	27.32	25.00	109	A			
		102800	12.8	12.50	102	A			
		102800	0.3	6.25	4.80	L			

Performance Limit Range#: 90 - 110% Recovery

Round Performance Statistics*: (n=65)				Round Performance*:
Mean	99.3	A	92%	A
SD	13.1	L	5%	
CV (%)	13.2	H	3%	

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Notes:

***Round Performance - All Labs:**

Revised performance limit range from Pharmaceutical Round Robin Meeting, AIHce 2007.

n: Number of reported results (reported by due date) by all labs for the round

A: Percent of acceptable results by all labs for the round

L: Percent of low (unacceptable) results by all labs for the round

H: Percent of high (unacceptable) results by all labs for the round

A: Round meets performance criteria and is acceptable

N: Round does not meet performance criteria and is not acceptable

^Round Score for Lab:

A: Result acceptable

H: Result > upper performance limit, not acceptable

L: Result < lower performance limit, not acceptable

NR: Not reported by due date, not acceptable

Pass: Round Score \geq 75%

Fail: Round Score < 75%

^^Three-Round Score for Lab:

Number of rounds with passing score in last 3 consecutive rounds

P: Proficient (passing score in two (2) of the last three (3) consecutive PT rounds)

N: Not Proficient (failing score in two (2) of the last three (3) consecutive PT rounds)