

Pharmaceutical Round Robin Proficiency Testing Program Round 39

<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[‡]: 90.0 - 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%		

<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>
38	Diflunisal	102800	1.6	1.50	107	A	100%	3/3	P
		102800	3.8	3.76	101	A	Pass		
		102800	17.7	18.78	94.3	A			
		102800	55.2	55.43	100	A			
		102800	149.2	150.20	99.3	A			
		102800	307.8	300.40	102	A			

Performance Limit Range[‡]: 90.0 - 110% Recovery

Round Performance Statistics*: (n=66)				Round Performance*:	
Mean	94.8	A	80%	A	
SD	14.2	L	17%		
CV (%)	14.9	H	3%		

<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>
39 - Retest	Niacin	102800	131.6	123.70	106	A	100%	3/3	P
		102800	139.8	130.90	107	A	Pass		
		102800	25.7	24.74	104	A			
		102800	54.8	52.36	105	A			
		102800	12.6	13.09	96.3	A			
		102800	92.7	87.28	106	A			

Performance Limit Range[‡]: 90.0 - 110% Recovery

Round Performance Statistics*: (n=66)				Round Performance*:	
Mean	98.4	A	91%	A	
SD	7.0	L	8%		
CV (%)	7.1	H	2%		

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)