

Pharmaceutical Round Robin Proficiency Testing Program Round 38

<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%	

<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	106,5	A	100%	3/3	P
		102800	3,8	3,76	101,2	A	Pass		
		102800	17,7	18,78	94,3	A			
		102800	55,2	55,43	99,6	A			
		102800	149,2	150,20	99,3	A			
		102800	307,8	300,40	102,5	A			

Performance Limit Range[‡]: 90 - 110% Recovery

Round Performance Statistics*: (n=66)				Round Performance*:
Mean	96,5	A	85%	A
SD	8,9	L	12%	
CV (%)	9,3	H	3%	

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)