

Pharmaceutical Round Robin Proficiency Testing Program Round 41

<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%		

<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>
40	Glipizide	102800	5.2	5.04	103	A	100%	3/3	P
		102800	21	19.21	109	A	Pass		
		102800	62	60.03	103	A			
		102800	117.3	120.05	97.7	A			
		102800	150.1	148.86	101	A			
		102800	197.5	199.28	99.1	A			

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

Round Performance Statistics*: (n=66)				Round Performance*:	
Mean	98.4	A	95%	A	
SD	8.1	L	5%		
CV (%)	8.3	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>
41 - Retest	Diflunisal	102800	53.5	55.12	97.1	A	100%	3/3	P
		102800	13.2	13.71	96.3	A	Pass		
		102800	76.0	75.48	101	A			
		102800	4.6	4.746	96.9	A			
		102800	39.9	40.43	98.7	A			
		102800	26.2	26.82	97.7	A			

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

Round Performance Statistics*: (n=66)				Round Performance*:	
Mean	100	A	74%	A	
SD	11.3	L	12%		
CV (%)	11.2	H	14%		

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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)