

Pharmaceutical Round Robin Proficiency Testing Program Round 40

<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<sup>‡</sup>: 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<sup>‡</sup>: 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<sup>‡</sup>: 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%	

## Pharmaceutical Round Robin Proficiency Testing Program Round 40

### 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)