

# AIHA PAT Programs' Proficiency Analytical Testing (BePAT) Program

(administered by RTI International)

SGS Galson Laboratories, Inc.

Participant ID: 100324

Round 45

December 15, 2017

Sample ID	Participant Reported Results ( $\mu\text{g}$ )	Robust Mean Reported ( $\mu\text{g}$ )	Certified Value ( $\mu\text{g}$ )	Recovery (%)	Number of Participants	Robust Standard Deviation ( $\mu\text{g}$ )	Coefficient of Variation (%)	Rating	Comments
1	5.40705	5.52	6.12 $\pm$ 0.24	88.4	33	0.380	6.88	A	
2	1.7786	1.83	1.90 $\pm$ 0.10	93.6	33	0.0950	5.19	A	
3	15.795	16.6	17.1 $\pm$ 0.5	92.4	33	1.03	6.21	A	
4	0.252	0.260	0.261 $\pm$ 0.026	96.6	33	0.0180	6.92	A	
blank	< 0.015		< 0.01						

## Rating Key

A - Acceptable (between 75% and 125% of Expected Value)

L - < 75% of Expected Value

H - > 125% of Expected Value

\* - No rating assigned

NR - Not reported

Round Status: pass

Program Status: P

P - Proficient

NP - Not Proficient

I - Indeterminate

Note: The robust mean and standard deviation are determined using Algorithm A from ISO 13528. For other statistics, samples with percent recoveries outside of  $\pm 50\%$  are excluded as outliers.

Your temporary laboratory ID is #11 for this round. This Temp ID is used on the Final Report to Participants to identify your individual results.