

## Appendix C

## Acceptance Limits for Proficiency Test Samples

Table 1. Acceptance Limits for Inorganic Contaminants

Contaminant	Acceptance limit
Antimony	±30% at $\geq 0.006$ mg/L
Arsenic	±30% at $\geq 0.003$ mg/L
Asbestos	2 standard deviations based on study statistics
Barium	±15% at $\geq 0.15$ mg/L
Beryllium	±15% at $\geq 0.001$ mg/L
Cadmium	±20% at $\geq 0.002$ mg/L
Chromium	±15% at $\geq 0.01$ mg/L
Cyanide	±25% at $\geq 0.1$ mg/L
Fluoride	±10% at $\geq 1$ to 10 mg/L
Mercury	±30% at $\geq 0.0005$ mg/L
Nickel	±15% at $\geq 0.01$ mg/L
Nitrate	±10% at $\geq 0.4$ mg/L
Nitrite	±15% at $\geq 0.4$ mg/L
Selenium	±20% at $\geq 0.01$ mg/L
Thallium	±30% at $\geq 0.002$ mg/L

Table 2. Acceptance Limits for Disinfection Byproducts

Contaminant	Acceptance limit	Comments
TTHM		Laboratory must meet all 4 individual THM acceptance limits in order to successfully pass a proficiency test for TTHM
Chloroform	±20%	
Bromodichloromethane	±20%	
Dibromochloromethane	±20%	
Bromoform	±20%	
HAA5		Laboratory must meet the acceptance limits for 4 out of 5 of the HAA5 compounds in order to successfully pass a proficiency test for HAA5
Monochloroacetic Acid	±40%	
Dichloroacetic Acid	±40%	
Trichloroacetic Acid	±40%	
Monobromoacetic Acid	±40%	
Dibromoacetic Acid	±40%	
Chlorite	±30%	
Bromate	±30%	

Table 3. Acceptance Limits for Lead and Copper

Contaminant	Acceptance limit
Lead	±30% at $\geq 0.005$ mg/L
Copper	±10% at $\geq 0.050$ mg/L

Table 4. Acceptance Limits for Organic Contaminants

Contaminant	Acceptance limit
DBCP	±40%
EDB	±40%
Alachlor	±45%
Atrazine	±45%
Benzo[a]pyrene	2 standard deviations
Carbofuran	±45%
Chlordane	±45%
Dalapon	2 standard deviations
Di(2-ethylhexyl)adipate	2 standard deviations
Di(2-ethylhexyl)phthalate	2 standard deviations
Dinoseb	2 standard deviations
Diquat	2 standard deviations
Endothall	2 standard deviations
Endrin	±30%
Glyphosate	2 standard deviations
Heptachlor	±45%
Heptachlor epoxide	±45%
Hexachlorobenzene	2 standard deviations
Hexachloro-cyclopentadiene	2 standard deviations
Lindane	±45%
Methoxychlor	±45%
Oxamyl	2 standard deviations
PCBs (as Decachlorobiphenyl)	0–200%
Picloram	2 standard deviations
Simazine	2 standard deviations
Toxaphene	±45%
Aldicarb	2 standard deviations
Aldicarb sulfoxide	2 standard deviations
Aldicarb sulfone	2 standard deviations
Pentachlorophenol	±50%
2,3,7,8-TCDD (Dioxin)	2 standard deviations
2,4-D	±50%
2,4,5-TP (Silvex)	±50%