



**PT for EPA Laboratory Approval Program
Fields of Proficiency Testing with PTRLs
Drinking Water
Effective October 6, 2014**

Blue = New Analyte

Magenta = Changes

Matrix	EPA Analyte Code	NELAC Analyte Code	Analyte	Conc Range	Acceptance Criteria				NELAC PTRL
					a	b	c	d	
			Microbiology	# of Cysts or Oocysts					# Cysts or Oocysts
Drinking Water		2510	Cryptosporidium	50 to 200			Mean ± 2 SD ^{1, 2, 3, 4}		Not Applicable
Drinking Water		2545	Giardia	50 to 200			Mean ± 2 SD ^{1, 2, 3, 4}		Not Applicable

- 1) If the lower acceptance limit generated using the criteria contained in this table is less than (<) 10% of the assigned value, the lower acceptance limits are set at 10% of the assigned value.
- 2) If the lower acceptance limit generated using the criteria contained in this table is greater than (>) 60% of the assigned value, the lower acceptance limits are set at 60% of the assigned value.
- 3) If the upper acceptance limit generated using the criteria contained in this table is less than (<) 105% of the assigned value, the upper acceptance limits are set at 105% of the assigned value.
- 4) Quantitative Microbiology acceptance criteria are based on the robust participant Mean and Standard Deviation (SD) determined from each respective PT study.