

except boron, chromium VI and mercury", 42 and 61, to read as follows:

§ 136.3 Identification of test procedures.

(a) * * *

TABLE IA.—LIST OF APPROVED BIOLOGICAL TEST PROCEDURES

Parameter, units and method	Method ¹	Reference (method No. or page)		
		EPA ²	Standard methods 18th ed.	ASTM
Bacteria:				
1. Coliform (fecal), number per 100 mL	Most Probable Number (MPN), 5 tube, 3 dilution.	p. 132	9221C and E.	
	Membrane filter (MF) ⁴ , single step.	p. 124	9222D	B-0050-85
2. Coliform (fecal) in presence of chlorine, number per 100 mL.	MPN, 5 tube, 3 dilution	p. 132	9221C and E .	
	MF ⁴ , single step ⁵	p. 124	9222D	
*	*	*	*	*

Table IA Notes:

¹The method used must be specified when results are reported.

²Bordner, R.H., and J.A. Winter, eds. 1978. "Microbiological Methods for Monitoring the Environment, Water and Waste". Environmental Monitoring Systems Laboratory, U.S. Environmental Protection Agency. EPA-600/8-78-017.

³Britton, L.J., and P.E. Greeson, P.E., eds., 1989. "Methods for Collection and Analysis of Aquatic Biological and Microbiological Samples," Techniques of Water Resources Investigations of the U.S. Geological Survey, Techniques of Water Resources Investigations, Book 5, Chapter A4, Laboratory Analysis, U.S. Geological Survey, U.S. Department of Interior, Reston, Virginia.

⁴A 0.45 µm membrane filter (MF) or other pore size certified by the manufacturer to fully retain organisms to be cultivated, and to be free of extractables which could interfere with their growth.

⁵Because the MF technique usually yields low and variable recovery from chlorinated wastewaters, the Most Probable Number method will be required to resolve any controversies.

TABLE IB.—LIST OF APPROVED INORGANIC TEST PROCEDURES

Parameter, units and method	Reference (method number or page)				
	EPA ^{1,35}	STD methods 18th ed.	ASTM	USGS ²	Other
1. Acidity, as CaCO ₃ , mg/L: Electrometric endpoint or phenolphthalein endpoint.	305.1	2310 B(4a)	D1067-92		
2. Alkalinity, as CaCO ₃ , mg/L: Electrometric or Colorimetric titration to pH 4.5, manual or automated.	310.1 310.2	2320 B	D1067-92	I-1030-85	973.43. ³
		.....	.....	I-2030-85	
3. Aluminum—Total, ⁴ mg/L; Digestion ⁴ followed by: AA direct aspiration ³⁶	202.1	3111 D .....	.....	I-3051-85	
AA furnace	202.2	3113 B	.....	
Inductively Coupled Plasma/Atomic Emission Spectrometry (ICP/AES) ³⁶ .	⁵ 200.7	3120 B	.....	
Direct Current Plasma (DCP) ³⁶ ....	.....	.....	D4190-82(88) .....	.....	Note 34.
Colorimetric (Eriochrome cyanine R).	.....	3500-AI D	.....	.....
4. Ammonia (as N), mg/L: Manual, distillation (at pH 9.5), ⁶ followed by.	350.2	4500-NH ₃ B .....	.....	.....	973.49. ³
Nesslerization	350.2	4500-NH ₃ C	D1426-93(A)	I-3520-85	973.49. ³
Titration	350.2	4500-NH ₃ E .....	.....	.....
Electrode	350.3	4500-NH ₃ F or G	D1426-93(B)	.....
Automated phenate, or	350.1	4500-NH ₃ H .....	.....	I-4523-85	
Automated electrode .....	.....	.....	.....	.....
5. Antimony-Total, ⁴ mg/L; Digestion ⁴ followed by: AA direct aspiration ³⁶	204.1	3111 B	.....	.....
AA furnace	204.2	3113 B	.....	.....
ICP/AES ³⁶	⁵ 200.7	3120 B	.....	.....
6. Arsenic-Total, ⁴ mg/L: Digestion ⁴ followed by	206.5	.....	.....	.....
AA gaseous hydride	206.3	3114 B 4.d	D2972-93(B)	I-3062-85	
AA furnace	206.2	3113 B	D2972-93(C)		