

ERRATA

Standard Methods for the Examination of Water and Wastewater, 24th Edition

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Errata are presented in order of appearance in the print book. Please submit any corrections for inclusion to nedman@awwa.org.

Part 1000

1. **Section 1040** C.2, p. 30

To correct the example of the calculation, change the number of replicates to
“ $r > 1$ (30/18) > 1.7 or $r = 2$ ”

Part 2000

1. **Section 2340** C.2a.2, p. 124

To correct the units of magnesium sulfate for Buffer Solution 2, change the first sentence in 2) Buffer Solution 2, to “...780 mg magnesium sulfate...”

2. **Section 2340** C.2b.3, p. 125

To correct the amount of the sample to which MgCDTA is added, change the second sentence in 3) MgCDTA to “...250 mg per 100 mL sample...”

Part 3000

1. **Section 3030** B, p. 194

To correct the filter pore size, change the first sentence to read “...through a prewashed ungridded 0.4- to 0.45- μ m-pore-diam membrane filter...”

Part 4000

1. **Section 4500–F⁻** C.3a, p. 399

For *a. Stock fluoride solution*, change the unit amount to read “1.00 mL = 100 μ g F⁻”

2. **Section 4500–O** C.2e, p. 461

To include the molarity of the solution, change the title of *e* to read “*Standard sodium thiosulfate (Na₂S₂O₃) titrant, 0.025 M*”

Part 5000

1. **Section 5530** C.1a and c, p. 580

To correct the units for sensitivity, range of concentrations, and minimum detectable quantity, change the last sentence of *a. Principle* to read “This method covers the

phenol concentration range from 1.0 µg/L to over 250 µg/L with a sensitivity of 1 µg/L.” Also, change the first sentence of *c. Minimum detectable quantity* to read: “The minimum detectable quantity for clean samples containing no interferences is 0.5 µg phenol...”

2. **Section 5530 C.3b and c**, p. 580

To correct the units for the equivalents of intermediate and standard phenol solutions, change the last sentence in *b. Intermediate phenol solution* to read “1 mL = 10.0 µg phenol” and the last sentence in *c. Standard phenol solution* to read “1 mL = 1.0 µg phenol”.

3. **Section 5530 C.4a**, p. 581

To correct the maximum amount of phenol in the distillate, change the units in the first sentence of *a* to read “Place 500 mL distillate, or a suitable portion containing not more than 50 µg phenol...”

4. **Section 5530 D.1c**, p. 582

To correct the minimum detectable quantity, change the units in the second sentence of *c* to “The minimum detectable quantity is 10 µg phenol...”

5. **Section 5540 B.2a**, p. 583,

To correct the maximum pore diameter for the sintered glass disk, change the units in the second sentence of *a* to read “...use a coarse-porosity frit (designated “c” – nominal maximum pore diam 40 to 60 µg...)”

6. **Section 5540 C.1e and f**, p. 586

To correct the minimum detectable quantity, change the units in *e* to read “About 10 µg MBAS...” and to correct the range over which the method is linear change the units in the penultimate sentence in *f* to read “The method is linear over an approximate range of 10 to 200 µg...”

7. **Section 5540 C.3b and C.4b**, p. 586 and 587

To correct the amount of LAS in *Standard LAS solution* change the units in the first sentence in *b* to read “...1.00 mL = 10.0 µg LAS”. To correct sample size information, beginning with the first sentence after the table in *4b*, change the units in the text to read “...dilute the sample containing 40 to 200 µg MBAS to 100 mL with water” and change the units in the parentheses in the next paragraph to read “...(if more than 200 µg MBAS is expected)...”

8. **Section 5540 C.6**, p. 587

To correct the concentration of the sample used to determine precision and bias, change the units in the first sentence to read “A synthetic sample containing 270 µg/L LAS in distilled water...” and change the units in the second paragraph to read “A tap water sample to which was added 480 µg/L LAS was analyzed...”

Part 7000

1. **Section 7020**, A.3*d*, p. 778

To correct the equation for absolute difference, replace the plus sign with a minus sign, to read:

$$\text{Absolute Difference} = \frac{|AC_s - AC_{dup}|}{u(AC_{target})}$$

2. **Section 7020**, A.3*e.2*, p. 779

To correct the equation for percent MS recovery, change AC_{MC} to AC_{MS} to read:

$$\% \text{ MS Recovery} = \frac{AC_{MS} - AC_{Smp}}{A_{Spk}/V_{MS}} \times 100$$

Part 9000

1. **Section 9230** C.2*d*, p. 1197

To correct the name of the agar in *d*, remove the word “Azide” to change the title to “*Bile Esculin Agar*”