PHOSPHOROUS, REACTIVE(ORTHOPHOSPHATE)
HACH 8048

Facility Name:_____VELAP ID_____

Assessor Name:_____Analyst Name:_____Inspection Date_____

Relevant Aspect of Standards	Method Reference	Y	N	N/A	Comments
Records Examined: SOP Number/ Revision/ Date _____ Analyst:_____ Sample ID: _____ Date of Sample Preparation:_____ Date of Analysis:_____					
Were reagent blank values determined for each new lot of reagent by following the procedure for deionized water?	DOC316.53.0119 p. 1				
When analyst was using powder pillows, did analyst select “490 P React. PV” as the required test?	DOC316.53.0119 p. 2				
Did analyst fill sample cells with 10 mL of sample?	DOC316.53.0119 p. 2				
When analyst was using powder pillows, did analyst add the contents of one PhosVer 3 phosphate powder pillow to each sample cell, immediately stopper each sample cell, and shake vigorously for 30 seconds?	DOC316.53.0119 p. 2				
Did analyst use a timer to observe a two minute reaction time on undigested samples?	DOC316.53.0119 pp. 2,3				
Did analyst use a timer to observe a ten minute reaction time on samples were acid persulfate was used for digestion?	DOC316.53.0119 pp. 2,3				
Did analyst wipe any sample cell prior to placing into instrument?	DOC316.53.0119 pp 2,3				
Did analyst use a sample cell containing 10 mL of sample without powder pillow or AccuVac to zero instrument?	DOC316.53.0119 pp. 2,3				
When analyst was using AccuVac ampules, did analyst select “492 P React. PV AV” as the required test?	DOC316.53.0119 p. 3				
When analyst was using AccuVac ampules, did analyst fill ampule with sample by keeping the ampule tip immersed in the sample until the ampule filled completely?	DOC316.53.0119 p. 3				

METHOD CHECKLISTS ARE AN INTERVIEW TOOL USED BY ASSESSORS AND ARE NOT TO BE CONSIDERED AS A SUBSTITUTE FOR REQUIREMENTS OF THE PUBLISHED METHOD. CHECKLISTS ARE SUBJECT TO CHANGE.

Notes/Comments:

PHOSPHOROUS, REACTIVE(ORTHOPHOSPHATE)
HACH 8048

Relevant Aspect of Standards	Method Reference	Y	N	N/A	Comments
When analyst was using AccuVac ampules, did the analyst then shake the ampules for approximately 30 seconds?	DOC316.53.0119 p. 3				
Were bottles used for sample collection cleaned with 1:1 hydrochloric acid?	DOC316.53.0119 p. 4				
Were commercial detergents containing phosphates avoided for cleaning glassware used in this method?	DOC316.53.0119 p. 4				
When samples could not be analyzed promptly, were they preserved by immediately filtering and storing at 4°C?	DOC316.53.0119 p. 4				
If samples were stored, were they analyzed within 48 hours?	DOC316.53.0119 p. 4				
Were stored samples returned to room temperature prior to analysis?	DOC316.53.0119 p. 4				
Were three sample spikes composed of 0.1 mL, 0.2 mL, 0.3 mL additions of 50 mg/L orthosphosphate standard analyzed to reflect ~ 100% recovery?	DOC316.53.0119 p. 5				
Were three sample spikes composed of 0.2 mL, 0.4 mL, and 0.6 mL spike solution in 50 mL of sample analyzed by Accuvac Ampul procedure and determined to have approximately 100% recovery?	DOC316.53.0119 p. 5				
Were calibrations verified with 2.00 mg phosphate/Liter solution?	DOC316.53.0119 p. 6				

METHOD CHECKLISTS ARE AN INTERVIEW TOOL USED BY ASSESSORS AND ARE NOT TO BE CONSIDERED AS A SUBSTITUTE FOR REQUIREMENTS OF THE PUBLISHED METHOD. CHECKLISTS ARE SUBJECT TO CHANGE.

Notes/Comments:

METHOD CHECKLISTS ARE AN INTERVIEW TOOL USED BY ASSESSORS AND ARE NOT TO BE CONSIDERED AS A SUBSTITUTE FOR REQUIREMENTS OF THE PUBLISHED METHOD. CHECKLISTS ARE SUBJECT TO CHANGE.