SULFATE BY TURBIDIMETRIC METHOD
SM 15TH 426 C **Page 1 of 1**

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 polluted or contaminated samples stored at low temperature?	426 sulfate intro 2				
Were calibration standards and sample analyzed at the same temperature within the range of 20 to 25°C?	1 b				
Was a constant stirring speed attempted between each sample and standard?	2 a				
If spectrophotometer was used, did it have a light path of 4 to 5 cm, was it used at 420 nm? (Nephelometer also permissible.)	2 b 2				
If a filter photometer was used, did it have a light path of 4 to 5 cm and a maximum transmittance near 420 nm? (Nephelometer also permissible.)	2 b 3				
Were conditioning reagent and $BaCl_2$ added to samples followed by stirring for 1.0 minute?	4 a				
Next, were solution turbidities measured at 30 second intervals for four-minutes and the maximum turbidity recorded?	4 b				
Before calibration readings, was instrument set to zero with distilled water?	4 c				
Was calibration range not extended above 40 mg Sulfate/?	4 c				
Was a check standard analyzed with every three or four samples?	4 c				
Were samples corrected by subtracting the turbidity of samples that did not have $BaCl_2$ added to them?	4 d				
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.