

Spectrophotometer – Ammonia and Phosphorus

Ammonia-N (NH₃-N) Results - Hach Methods 10205 TNTplus 830, TNTplus 831 and TNTplus 832

Analyst	Sample ID	Sample Date	Sample Time	Reagent TNTplus 830 0.015 – 2.0 mg/L	Reagent TNTplus 831 1.0 – 12. mg/L	Reagent TNTplus 832 2.0 – 47. mg/L	NH ₃ -N (mg/L)	Duplicate (1)	Analysis Date	Analysis Time
	Raw (2)			Circle Reagent Used: 830 831 832						
	Raw Rerun			Circle Reagent Used: 830 831 832						
	Final (2)			Circle Reagent Used: 830 831 832						
	Final Rerun			Circle Reagent Used: 830 831 832						
	Raw (2)			Circle Reagent Used: 830 831 832						
	Raw Rerun			Circle Reagent Used: 830 831 832						
	Final (2)			Circle Reagent Used: 830 831 832						
	Final Rerun			Circle Reagent Used: 830 831 832						
	2.0 mg/L Std. (1)			Circle Reagent Used: 830 831 832				-----		
	Reagent Blank (1)			Circle Reagent Used: 830 831 832				-----		
	2.0 mg/L Std. (1)			Circle Reagent Used: 830 831 832				-----		
	Reagent Blank (1)			Circle Reagent Used: 830 831 832				-----		

Total Phosphorus Results (PO₄³⁻-P) - Hach Methods 10210 TNTplus 844 and TNTplus 845

Analyst	Sample ID	Sample Date	Sample Time	Reagent TNTplus 844 0.5 – 5.0 mg/L	Reagent TNTplus 845 2.0 – 20. mg/L	Initial Reading (mg/L)	Blank Corrected Phosphorous (mg/L)	Duplicate (1)	Analysis Date	Analysis Time
	Reagent Blank (1)			Circle Reagent Used: 844 845			-----	-----		
	Raw (2)			Circle Reagent Used: 844 845						
	Raw Rerun			Circle Reagent Used: 844 845						
	Final (2)			Circle Reagent Used: 844 845						
	Final Rerun			Circle Reagent Used: 844 845						
	1.0 mg/L Std. (1)				-----			-----		

(1) = Analyzed weekly. Acceptable Range is 1.8 to 2.2 mg/L for NH₃-N Standard and 0.9 to 1.1 mg/L for PO₄³⁻-P Standard

(2) = If the result is outside the range for the TNTplus Reagent used, it must be analyzed again using a different TNTplus Reagent