

Spectrophotometer – Total Nitrogen (If samples for TNTplus 835 and TNTplus 839 are NOT preserved)

Total Nitrogen Results - Hach Methods 10242, 10206 and 10207, TNTplus 880, TNTplus 835 and TNTplus 839

								(A)			(B)			(C)		
Analyst	Sample ID	Sample Date	Sample Time	TKN Preservation Date	TKN Preservation Time	Analysis Date	Analysis Time	Reagent TNTplus 880 0 to 16 mg/L TKN	Analysis Date	Analysis Time	Reagent TNTplus 835 0.23 to 13.50 mg/L NO ₃ -N	Analysis Date	Analysis Time	Reagent TNT 839 0.015-0.60 mg/L NO ₂ -N	Calculation	Total Nitrogen
															Add A + B+C = Total Nitrogen	
															Add A + B+C = Total Nitrogen	
															Add A + B+C = Total Nitrogen	
															Add A + B+C = Total Nitrogen	
															Add A + B+C = Total Nitrogen	
															Add A + B+C = Total Nitrogen	
															Add A + B+C = Total Nitrogen	
															Add A + B+C = Total Nitrogen	
															Add A + B+C = Total Nitrogen	
															Add A + B+C = Total Nitrogen	
															Add A + B+C = Total Nitrogen	
															Add A + B+C = Total Nitrogen	
															Add A + B+C = Total Nitrogen	
															Add A + B+C = Total Nitrogen	
															Add A + B+C = Total Nitrogen	
															Add A + B+C = Total Nitrogen	
															Add A + B+C = Total Nitrogen	
															Add A + B+C = Total Nitrogen	
															Add A + B+C = Total Nitrogen	
															Add A + B+C = Total Nitrogen	

If the result is outside the range for the TNTplus Reagent used, it must be analyzed again using a dilution or a TNTplus Reagent where the sample result is bracketed within the range.

TNTplus 880 samples **must** be preserved to pH < 2 using concentrated sulfuric acid. If samples for TNTplus 835 and TNTplus 839 are not analyzed immediately (within 3 hours), they must be preserved. If preserving Nitrate/Nitrite, use IDEM’s Total Nitrogen, preserved samples bench sheet. All samples must be analyzed at room temperature and at a pH 3 – 10.