Lab Information Before you attend each lab session, you should prepare for the experiment by reading the lab manual and the textbook required reading.Report each individual determination, the average with appropriate significant figures, the standard deviation, the percent relative standard deviation (%RSD) for your data.Report Format You should learn to use the spell–check facility that is built into your word processor to avoid unclear or confusing writings as will lack of regard for grammar, punctuation, and spelling which will affect your grade.Data Analysis and Results You must clearly show each step of your analysis, by writing out each equation used, followed by the calculation plugging in the relevant data, including the appropriate units, even if the equation is explicitly stated in the lab manual.Unless you are explicitly told otherwise in the data analysis instructions, if you studied Do not show working for all replicate calculations, simply show one complete sample calculation for the first replicate. List and evaluate the possible sources of error (such as operator, random, systematic, etc.) in the experiment.Discuss the most significant contributions to the error in this experiment and describe specifically how each of these significant errors would have affected your results (i.e., increased or decreased your answers).You should have a good understanding of the purpose, details of the procedure, the use of all chemicals and any significant hazards, and the underlying science of the experiment before you come to lab.Give reasonable methods to eliminate or reduce these errors.Conclusions 1.3.4.6.7.