CHAPTER-IX

Conclusion
Conclusion:

"From the recent developments in pharmaceutical industry just compiling to the specification is not the ultimate for any drug substance, primarily the focus is on the overall quality of the drug substance. To conclude a drug substance as 'fit for human consumption'; means to say that the drug substance has under gone a tremendous testing. To cater all these, analytical methods and the equipment should support for the cause. The modern analytical instruments are developed in support to the cause of the human safety. From our research it is evident that the analytical instruments methods nowadays have become so important in human life that it has increased the life span of one self by determining the actual content of impurity and drug product. We must all be thankful that development in science and technology has gone hand in hand and we are bearing the fruit. From background and the shelf life or retest period of a drug product or drug substance depends upon the efficiency of the analytical methods. This has a direct impact on the life of human, hence it is must to develop a method which is sensitive, specific, precise, linear, robust and accurate, so that all newly generated impurities upon storage should be detected and quantified. This can be possible if and only if validation parameters should be fulfilled by the method prior to use for its intended purpose. Finally, overall it is conclusive that it is must to perform analytical method validation of any analytical method used at any stage (raw material, in process/intermediates and finished product) prior to its use for release of any drug molecule to the market and hence modern analytical instruments play an vital role in the field of pharmaceutical industry".