

## Abstract Details

**Title:** Quality Control in Accredited Laboratory

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**Abstract:** Quality control (QC) includes all technical activities that measure the attributes and performance of a process, item, or service against defined standards to verify that they meet the stated requirements established by the customer. It also includes operational techniques and activities that are used to fulfill requirements for quality. This study involved the identification and the effectiveness in accuracy in results of implementation quality control program at central laboratory for technical services and calibration (CLTSC) and checked the laboratories performance. Laboratory indicated some methods of quality control being applied such as duplication of tests, replicate of tests, participate in international quality control program proficiency testing and passed for all accreditation tests and (PT) schemes insured the samples results. If the performance indicator control limits were exceeded, management informed and corrective action initiated. Most of the quality control test results obtained for the different parameters have a small standard deviation and it can also be seen that most of the values obtained are within acceptable range.

**Keywords:** Quality Control, services, calibration.