



National Accreditation Board for Testing and Calibration Laboratories (NABL)

- DURGADEVI G

DEPARTMENT OF PHARMACEUTICAL ANALYSIS,
SNSCPHS, COIMBATORE.



NABL

National Accreditation Board for Testing and Calibration Laboratories (NABL) is an accreditation body, with its accreditation system established in accordance with ISO/ IEC 17011.

SERVICES PROVIDED BY NABL

- Testing laboratories in accordance with ISO/ IEC 17025 'General Requirements for the Competence of Testing and Calibration Laboratories'
- Calibration laboratories in accordance with ISO/ IEC 17025 'General Requirements for the Competence of Testing and Calibration Laboratories'
- Medical testing laboratories in accordance with ISO 15189 'Medical laboratories - Requirements for quality and competence'
- Proficiency Testing Providers (PTP) in accordance with ISO/IEC 17043 "Conformity assessment – General requirements for proficiency testing" and
- Reference material producers (RMP) in accordance with ISO 17034 "General requirements for the competence of reference material producers".

NABL

- NABL has been established with the objective of providing Government, Industry Associations and Industry in general with a scheme of Conformity Assessment Body's accreditation which involves third-party assessment of the technical competence of testing including medical and calibration laboratories, proficiency testing providers and reference material producers. Accreditation process details are provided in NABL 100B- Accreditation Process & Procedure.
- NABL is self-financing and charges fees to Conformity Assessment Bodies to cover operational costs and other expenditure.
- NABL offers accreditation services in a non-discriminatory manner. These services are accessible to all testing including medical and calibration laboratories, proficiency testing providers and reference material producers in India and other countries in the region, regardless of the size of the applicant CAB or its membership of any association or group or number of CABs already accredited by NABL. Applicable fees details are provided in NABL 100A- General Information Brochure.

The disciplines and groups for which the accreditation services are offered in the respective fields are listed in...

NABL 120

“Guidance for Classification of Product Groups in Testing & Calibration field”

NABL 112

“Specific Criteria for Accreditation of Medical Laboratories”

NABL 151

“Application Form for Testing Laboratories”

NABL 152

“Application Form for Calibration Laboratories”

NABL 153

“Application Form for Medical Laboratories”

NABL 180

“Application Form for Proficiency Testing Providers (PTP)”

NABL 190

“Application Form for Reference Material Producers Accreditation (RMP)”

INTERNATIONAL RECOGNITION

- With an objective to ensure the acceptance of test/ calibration results issued by the accredited conformity assessment bodies (CAB) across the borders, NABL maintains linkages with the international bodies-
 - International Laboratory Accreditation Co-operation (ILAC) and
 - Asia Pacific Accreditation Co-operation (APAC).
- NABL is a full member of ILAC and APAC and regularly takes part in their meetings.
- NABL is Mutual Recognition Arrangement (MRA) signatory to ILAC as well as APAC for the accreditation programs – Testing and Calibration (ISO/IEC 17025), Medical (ISO 15189), Proficiency Testing Providers (PTP) (ISO/IEC 17043) and Reference material producers (RMP) (ISO 17034).
- Such international arrangements/ MRA are based on peer evaluation and acceptance of other MRA Partner accreditation systems. MRA facilitate acceptance of test/ calibration results between countries which MRA partners represent.

BENEFITS OF NABL CERTIFICATION

- Increased trust in Testing/ Calibration Reports issued by the research facility.
- Better control of research facility activities and criticism to labs concerning whether they have a sound Quality Assurance System and are actually skilled.
- Potential expansion in business because of improved client certainty and fulfillment.
- Customers can look and recognize the research centers licensed by NABL for their particular prerequisites from the NABL Web - webpage or Directory of Accredited Laboratories.
- Users of certified research facilities appreciate more noteworthy access for their items, in both domestic and international markets.
- Savings in terms of time and money due to reduction or elimination of the need for retesting of products.

NABL ACCREDITATION PROCESS

1. Application for accreditation
2. Acknowledgement & scrutiny of application by NABL secretariat
3. Adequacy of quality manual
4. Pre-assessment of laboratory by lead assessor
5. Final assessment of laboratory by assessment team
6. Scrutiny of assessment report by NABL secretariat
7. Recommendation for accreditation by accreditation committee
8. Approval for accreditation by chairman of NABL
9. Issue of NABL Certificate by NABL secretariat.
10. During steps 2 - 6 feedback to laboratory is given and they are recommended to do the necessary corrective action.

THANK YOU!!!