

**AES LABORATORIES (P) LTD.**  
analyzing today for an assured tomorrow.....



*Water Testing for haemodialysis and related therapies as per ANSI/AAMI/ISO 13959:2014*



***Does Your Hospital Have An Effective Haemodialysis  
Water Testing Program to Ensure A Safe and  
Effective delivery of Haemodialysis ??***

**AN NABL ACCREDITED LABORATORY**

Assurance of adequate water quality is one of the most important aspects of ensuring a safe and effective delivery of haemodialysis, hemodiafiltration or hemofiltration. The International Standard **ANSI/AAMI/ISO 13959:2014** contains minimum requirements, chemical and microbiological, for the water that has been treated to meet the specified limits for chemical and microbial contaminants and is suitable for use in haemodialysis applications, which include the preparation of dialysis fluid, reprocessing of dialyzers, preparation of concentrates and preparation of substitution fluid for online convective therapies.

Haemodialysis and hemodiafiltration can expose the patient to more than 500 l of water per week across the semi-permeable membrane of the hemodialyzer or hemodiafilter. Healthy individuals seldom have a weekly oral intake above 12 l. This



over 40-fold increase in exposure requires control and monitoring of water quality to avoid excesses of known or suspected harmful substances.

For use in dialysis, the water needs to comply with microbiological as well as chemical requirements as put forth by the international standard. The chemical requirements are further classified as allowable toxic chemical and dialysis fluid electrolytes and allowable levels of trace elements in dialysis water.

#### **Why AES Laboratories?**

- ◆ We were one of the first laboratories to start analysis of haemodialysis water as per **ANSI/AAMI/ISO 13959:2014**
- ◆ At **AES Laboratories** we understand the criticality of accurate analytical results and hence take utmost care during the whole analytical procedure.
- ◆ We have installed highly sophisticated equipment to carry out analysis of haemodialysis water to high accuracy levels.
- ◆ We have established high competency levels in the prescribed international test methods and have even included all chemical and microbiological parameters in our NABL scope of accreditation.
- ◆ We provide our services to some of the very reputed networks of hospitals.

We would be happy to speak with you about your specific analytical needs and help you setup an effective haemodialysis water monitoring program

**For any queries, please contact:**

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