



GE Healthcare  
Life Sciences

**Ivan Aston**  
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Dear Customer:

This letter is in response to your request for additional information regarding the processing of Molecular Biology Grade Water, Catalog Number SH30538. Our validated system uses a sequential purification process turning high-quality source water into ultrapure water. These sequential steps include:

- Multimedia coarse filtration
- Ion exchange for mineral and hardness reduction
- Reverse Osmosis (RO) to remove impurities
- Continuous Deionization (CDI)
- Ultraviolet (UV) disinfecting light treatment
- Multi-effect Distillation for optimal purification
- Continuous hot loop circulation (maintained at > 80 deg. C)
- 0.1 µm final filtration for greater sterility assurance

Regards,

A handwritten signature in black ink, appearing to read 'Ivan Aston'.

Ivan Aston  
Technical Support Specialist