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Test Methods for the Quality Assurance of Vivaspin Centrifugal Concentrators

100% individual testing (every device produced)

- Visual inspection
- Pressure-hold integrity testing

Routine testing of randomly samples devices (min. 32x per day from each product.

(min. 32x per day from each production lot)

- Membrane retention with MW marker molecules
- Flow rate and throughput testing
- Graduation placement accuracy

Testing conducted for the validation of the centrifugal concentrators

- Temperature, pressure and spin speed resistance
- Chemical and pH compatibility
- Water flow rates
- Correlation of diffusion values with integrity test
- Evaluation of membrane retention and flow rate values after long term storage

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