

Application report light

Turbidity after Filtration of Isotonic Sodium Chloride

SIGRIST product

- TurBiScat

Industry

- Pharmaceutical industry

Typical application

- The turbidity of saline solution is measured to ensure perfect quality.
- Monitoring the filtration process; the saline solution has to be free of solids.
- The measuring point is after the filter.
- Measuring range 0 – 3 NTU
- Scattered light 90 °

Use

- Isotonic saline solution is used as a solvent and diluting agent for drugs. It can be used as an infusion to compensate for a loss of liquid and minerals in the body. It further used for cleaning wounds, rinsing catheters, irrigating noses or eyes and for keeping a venous access open.

Additional information

Isotonic saline solution has the same concentration of salt as human blood. 9 grams of table salt or sodium chloride (NaCl) are dissolved in 1000 ml of distilled water. Another term used is normal saline (NS) for the 0.9 % NaCl solution.



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