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## ISO 3696:1987 Water for analytical laboratory use - Specification and test methods

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Abbreviation

ISO 3696:1987

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Information provider

Standards New Zealand

Author

International Organization for Standardization

Information type

ISO Standard

Format

PDF

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Cited By

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**Description**

This Standard specifies the requirements for three grades for the analysis of inorganic chemicals. Not applicable to organic trace analysis, analysis of surface-active agents and biological or medical analysis.

The material shall be a clear, colourless liquid as assessed by inspection.

Classifies according to the content:

- free from dissolved or colloidal ionic and organic contaminants,
- very low inorganic,
- organic or colloidal contaminants and
- suitable for laboratory wet chemistry work.

Specifies the pH and conductivity measurement, the limit tests for oxidizable matter and for reactive silica, the measurement of absorbance and the determination of residue after evaporation at 110°C.

**Scope**

This International standard specifies the requirements and corresponding test methods for three grades of water for laboratory use for the analysis of inorganic chemicals. It is not applicable to water for organic trace analysis, to water for the analysis of surface active agents, or to water for biological or medical analysis.

Note: For some purposes (for example for certain analytical methods or for tests in which the water is required to be sterile or pyrogen-free or of specified surface tension), additional specific tests and further purification or other treatment may be necessary.

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