

## GROUNDWATER QUALITY IN THE REPUBLIC OF MOLDOVA AND TECHNOLOGIES FOR ITS POTABILIZATION

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**Abstract.** This paper summarizes data on the chemical composition of groundwater from artesian wells and phreatic wells across various regions of the Republic of Moldova. A comparative analysis of water samples was conducted to identify the parameters that most frequently exceed maximum permissible concentrations for both types of sources. Furthermore, the paper presents research findings on groundwater treatment technologies specifically targeting the removal of ammonia and ammonium ions.

**Keywords:** underground water, chemical composition, potabilization technology.