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WATER TREATMENT BY DOMESTIC LEVEL RO WATER PURIFIER AND ITS IMPACT ON HUMAN HEALTH

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Abstract: The aim of study is to check effectiveness of domestic level reverse osmosis (RO) water purifier by doing Physical and chemical assessment of water and correlate it with human health. The present work describes chemical quality of water samples. pH, TDS, Conductivity, Calcium, magnesium, sodium, potassium, chloride, nitrate, sulphate etc are the chemical parameters of water. One sample is collected before RO treatment and another sample is collected after RO process. All parameters were analyzed by AASM and EDTA titrimetric method.

Index Terms - RO water, Human health, AASM, EDTA titrimetric method

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