

**TEMPERATURE EFFECTS ON THE ELECTRIC SUSCEPTIBILITY FOR A
SOLUTION MADE FROM 10mg of NaCl and 1ml H₂O**

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Abstract: *The results concerning the influence of heating on the electric susceptibility in the case of a solution made from 10 mg of NaCl and 10ml of H₂O are reported. The dielectric constants were calculated from refractive indexes measured by a Digital Refractometer RA-520N. The dependence of the electric susceptibility on the temperature was verified by a formula of the type, $\chi_e = f(T^{-1})$, that represent a confirmation of the theoretical predictions given by the scientific literature.*

Keywords: refractive index, dielectrics, polarisability.