



**Physical Characterization of Triethylamine Hydrochloride
Aqueous Solution in Relation to Acoustic and Viscometric
Parameters at 298.15K and 300.15K**

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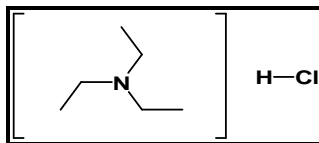
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ABSTRACT

In the present paper, ultrasonic velocity and related acoustic physical parameters of aqueous solutions of triethylamine hydrochloride at temperatures (298.15K and 300.15K) have been determined. The study of this solution has covered its concentration range (0.1 to 0.9) mol kg⁻¹. The ultrasonic velocity shows a maximum value when the presence of triethylamine hydrochloride increases in double distilled water.

Graphical Abstract



Molecular structure of triethylamine hydrochloride

Keywords: Triethylamine hydrochloride, Molecular interactions, Ultrasonic velocity.
