

# Conductometric Determination Of DextromethorphanHydrobromide

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## **Abstract**

Simple and accurate conductometric titration has been used for determination of the antitussive drug dextromethorphan (Dex), where sodium tetraphenylborate (NaTPB), silicotungstic acid (STA), phosphotungstic acid (PTA), phosphomolybdic acid (PMA) and reineckate ammonium salt (RAS) were used as titrants. The formed ion-associates were studied conductometrically for the assignment of stoichiometric ratios and solubility products. The suggested procedure has been applied to the determination of Dex in pure state and pharmaceutical preparations with high accuracy and precision.