

## **Measurement of conductivity of anilinium borfluoride**

© **Vladimir A. Zagumennov**

*Physical Chemistry Division. A.M. Butlerov Institute of Chemistry. KFU. Kremlevskaya St., 18. Kazan, 420008. Tatarstan Republic. Russia. Phone: +7 (843) 231-54-28. E-mail: zagum@ksu.ru*

**Keywords:** electroconductivity, anilinium borfluoride, supporting electrolytes, electrosynthesys.

### **Abstract**

Anilinium borfluoride was synthesized. Solubility and electroconductivity in dry acetonitrile of this compound was studied. Comparison of electroconductive properties of the known supporting electrolytes (perchlorate of sodium, tetraalkylammonium salts) and anilinium borfluorid has shown that anilinium borfluorid can be used as supporting electrolyte at various electrosynthesis that opens new perspectives in electrochemical reactions with participation of aromatic amines.