

DETERMINATION OF ACID ADMIXTURES IN ETHYL SILICATE
BY THE HIGH-FREQUENCY METHOD (EXCHANGE OF EXPERIENCE)

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The high-frequency method [1] is used for determining the admixture of polar compounds in liquid dielectrics. In [2] we used this method for determining traces of HCl in liquid organosilicon compounds. We have also used it for determining admixtures of HCl (0.01-1%) in a mixture of ethyl silicate and isobutyl alcohol (1:50). The acid content is found from a calibration curve. The average error of a determination is 4-5 rel. %; an analysis takes 5 minutes at most.

The proposed high-frequency method allows continuous automatic monitoring of the HCl content of ethyl silicate.

LITERATURE CITED

1. V. A. Zarinskii and I. R. Mandel'berg, *Zavodskaya laboratoriya*, 24, 2, 115 (1958).
2. L. M. Shtifman, S. L. Lel'chuk, and V. A. Zarinskii, *Pasticheskie massy*, 2, 26 (1960).

All abbreviations of periodicals in the above bibliography are letter-by-letter transliterations of the abbreviations as given in the original Russian journal. *Some or all of this periodical literature may well be available in English translation.* A complete list of the cover-to-cover English translations appears at the back of this issue.
