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ELECTROCATALYTIC OXIDATION OF ETHYLENE GLYCOL ON DISPERSED Pt: DETERMINATION OF THE REACTION PRODUCTS

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Abstract

Comparative studies of electrocatalytic ethylene glycol oxidation on bulk and dispersed Pt in acidic aqueous solutions have been performed. A quantitative method has been developed to determine all organic oxidation products using high-performance liquid chromatography with appropriate derivatising reagents.

Keywords. Electrocatalytic oxidation, ethylene glycol
