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*Gas analysis, *Polarographic analysis, Lithium com-
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of small quantities of oxygen (below 1 volume %) in
gaseous butadiene. Standards with oxygen content be-
low 20.89 % were used for this purpose. The standards
were prepared by a partial bubbling of the gas to be
analyzed through a 0.1 N polarographic solution of
lithium chloride in methyl alcohol; the process was
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