INTERNATIONAL STANDARD ISO 2877-1974/AMENDMENT 1

Published 1976-09-30

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Sulphuric acid for industrial use — Determination of chlorides content — Potentiometric method

AMENDMENT 1

Amendment 1 to International Standard ISO 2877 was drawn up by Technical Committee ISO/TC 47, *Chemistry*. It was submitted directly to the ISO Council, in accordance with clause 6.12.1 of the Directives for the technical work of ISO.

Page 3

Annex : The results given in the example were obtained using a platinum electrode. As it was subsequently agreed to use a silver electrode (see 5.1.4), the example should be related to the results obtained using a silver electrode, even if the analytical result is essentially the same. Hence, replace the table by the following :

Volume of silver nitrate solution V	**Potential** E	$\Delta_1 E$	$\Delta_2 E$
ml	mV		
4,8	125		
4,9	134	9	
5,0	159	25	+ 16
5,1	275	116	+ 91
5,2	324	49	− 67
$V_{EQ} = 5{,}1 + 0{,}1 \times \frac{91}{91 + 67} = 5{,}157$			

UDC 661.25 : 546.132 : 543.257 Ref. No. ISO 2877-1974/A1-1976 (E)

Descriptors : sulphuric acid, chemical analysis, determination of content, chlorides, potentiometric analysis.