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of	
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	Abstract: The dissociation constant of the catechol derivatives 4-nitrocatechol (NCAT), 2,3- dihydroxybenzoic acid (2,3-DHBA), 3,4-dihydroxybenzoic acid (3,4-DBHA), 3,4-dihydroxyhenylacetic acid (3,4-DPHA) and 3,4-dihydroxycinnamic acid (3,4-DHCA) were identified in 0.1M NaClO ₄ ionic
Keywords Authors	medium, at t=25 ^{\circ} C, by potentiometry. In addition, the first and second dissociation constants of the salicylic acid derivatives 5-nitrosalicylic acid (5-NSA), 4-hydroxysalicylic acid (4-HSA) 5-nitrosalicylic acid (5-HSA) were also determined by potentiometry. Furthermore, the second acid dissociation constants of these ligands were evaluated in I=0.1M NaClO ₄ ionic medium, at a temperature of 25 ^{\circ} C
	by computer analysis of spectroscopic data.
@	Key words: Acid dissociation constants, catechol derivatives, salicylic acid derivatives.
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