

. - 2006. - . . 5. - . 310 - 315. 4. . . , . . , . . , -
// - . - 2006. - 4. - . 17 - 25.

23.05.08

541.138:546

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(V)

In article are offered improved methodics of the determination of the contents bivalent and quadivalent lead, in solution for elektroplating of anode dioxide lead. Designed methodics allow to automate process an supply electrolyte by oxides lead and conduct studies toward increase the stabilities of the electrolyte.

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[3] . [1, 2]

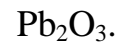
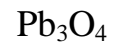
[4].

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[5]

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[6].

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(V).

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60 ° ,

Pb^{2+} ,
 $4 \times 250 \text{ }^3$,
 $60^\circ \text{ } 2,5 \text{ } / \text{ }^3 \text{ NaOH } 0,6 \text{ } / \text{ }^3$,
 () (): 5,575; 11,150; 16,725, 0,2; 0,4
 $0,6 \text{ } / \text{ }^3$,
 :

$$P_b = (- 1113) / 111,67 \quad (1)$$

— 60° .

()

$\text{ } / \text{ }^3$	0	0,2	0,4	0,6	0,627
$\text{ } / \text{ }^3$	1113	1135	1158	1180	1183

(V)

25 ^3 ,
 250 ^3 ,
 $0,5 \text{ NaHCO}_3$ “ . . . ”,
 “ . . . ”
 10 ^3
 10 ^3
 $0,5 \text{ NaHCO}_3$,
 NaHCO_3 $0,5$,

NaOH 2,5 / 3. -
 0,005 Na₂S₂O₃ -
 :

$$= 0,005(v - v_0)/V \quad (2)$$

: 0,005 - , / 3; v - ,
 , 3; v₀ - ,
 , 3; V - ,
 , 3.

(V),

(V)

