QR - 30.05.26

V1 = 2.05 V ઓપન સર્કિટ વોલ્ટેજ
V2 = 1.65 V સ્ટેબલ પોટેન્શિયલ (2)
NHE = 1.23 V સ્ટાન્ડર્ડ

(3) Zn | ZnSO4 (1M) || CuSO4 (1M) | Cu

V3 = V2 + 0.059/2 log [Cu2+]

(4) Ag | AgCl | KCl (sat.) || AgNO3 (0.1M) | Ag

V4 = 0.222 + 0.059 log [Ag+]

(5) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V5 = 0.77 + 0.059 log [Fe3+]/[Fe2+]

(6) Pt | H2 (1 atm) | HCl (pH 1) || Sn4+, Sn2+ | Pt

V6 = 0.15 + 0.059/2 log [Sn4+]/[Sn2+]

(7) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V7 = 1.61 + 0.059 log [Ce4+]/[Ce3+]

(8) Pt | H2 (1 atm) | HCl (pH 1) || AgNO3 (0.1M) | Ag

V8 = 0.799 + 0.059 log [Ag+]

(9) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V9 = 0.77 + 0.059 log [Fe3+]/[Fe2+]

(10) Pt | H2 (1 atm) | HCl (pH 1) || Sn4+, Sn2+ | Pt

V10 = 0.15 + 0.059/2 log [Sn4+]/[Sn2+]

(11) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V11 = 1.61 + 0.059 log [Ce4+]/[Ce3+]

(12) Pt | H2 (1 atm) | HCl (pH 1) || AgNO3 (0.1M) | Ag

V12 = 0.799 + 0.059 log [Ag+]

(13) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V13 = 0.77 + 0.059 log [Fe3+]/[Fe2+]

(14) Pt | H2 (1 atm) | HCl (pH 1) || Sn4+, Sn2+ | Pt

V14 = 0.15 + 0.059/2 log [Sn4+]/[Sn2+]

(15) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V15 = 1.61 + 0.059 log [Ce4+]/[Ce3+]

(16) Pt | H2 (1 atm) | HCl (pH 1) || AgNO3 (0.1M) | Ag

V16 = 0.799 + 0.059 log [Ag+]

(17) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V17 = 0.77 + 0.059 log [Fe3+]/[Fe2+]

(18) Pt | H2 (1 atm) | HCl (pH 1) || Sn4+, Sn2+ | Pt

V18 = 0.15 + 0.059/2 log [Sn4+]/[Sn2+]

(19) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V19 = 1.61 + 0.059 log [Ce4+]/[Ce3+]

(20) Pt | H2 (1 atm) | HCl (pH 1) || AgNO3 (0.1M) | Ag

V20 = 0.799 + 0.059 log [Ag+]

(21) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V21 = 0.77 + 0.059 log [Fe3+]/[Fe2+]

(22) Pt | H2 (1 atm) | HCl (pH 1) || Sn4+, Sn2+ | Pt

V22 = 0.15 + 0.059/2 log [Sn4+]/[Sn2+]

(23) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V23 = 1.61 + 0.059 log [Ce4+]/[Ce3+]

(24) Pt | H2 (1 atm) | HCl (pH 1) || AgNO3 (0.1M) | Ag

V24 = 0.799 + 0.059 log [Ag+]

(25) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V25 = 0.77 + 0.059 log [Fe3+]/[Fe2+]

(26) Pt | H2 (1 atm) | HCl (pH 1) || Sn4+, Sn2+ | Pt

V26 = 0.15 + 0.059/2 log [Sn4+]/[Sn2+]

(27) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V27 = 1.61 + 0.059 log [Ce4+]/[Ce3+]

(28) Pt | H2 (1 atm) | HCl (pH 1) || AgNO3 (0.1M) | Ag

V28 = 0.799 + 0.059 log [Ag+]

(29) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V29 = 0.77 + 0.059 log [Fe3+]/[Fe2+]

(30) Pt | H2 (1 atm) | HCl (pH 1) || Sn4+, Sn2+ | Pt

V30 = 0.15 + 0.059/2 log [Sn4+]/[Sn2+]

(31) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V31 = 1.61 + 0.059 log [Ce4+]/[Ce3+]

(32) Pt | H2 (1 atm) | HCl (pH 1) || AgNO3 (0.1M) | Ag

V32 = 0.799 + 0.059 log [Ag+]

(33) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V33 = 0.77 + 0.059 log [Fe3+]/[Fe2+]

(34) Pt | H2 (1 atm) | HCl (pH 1) || Sn4+, Sn2+ | Pt

V34 = 0.15 + 0.059/2 log [Sn4+]/[Sn2+]

(35) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V35 = 1.61 + 0.059 log [Ce4+]/[Ce3+]

(36) Pt | H2 (1 atm) | HCl (pH 1) || AgNO3 (0.1M) | Ag

V36 = 0.799 + 0.059 log [Ag+]

(37) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V37 = 0.77 + 0.059 log [Fe3+]/[Fe2+]

(38) Pt | H2 (1 atm) | HCl (pH 1) || Sn4+, Sn2+ | Pt

V38 = 0.15 + 0.059/2 log [Sn4+]/[Sn2+]

(39) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V39 = 1.61 + 0.059 log [Ce4+]/[Ce3+]

(40) Pt | H2 (1 atm) | HCl (pH 1) || AgNO3 (0.1M) | Ag

V40 = 0.799 + 0.059 log [Ag+]

(41) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V41 = 0.77 + 0.059 log [Fe3+]/[Fe2+]

(42) Pt | H2 (1 atm) | HCl (pH 1) || Sn4+, Sn2+ | Pt

V42 = 0.15 + 0.059/2 log [Sn4+]/[Sn2+]

(43) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V43 = 1.61 + 0.059 log [Ce4+]/[Ce3+]

(44) Pt | H2 (1 atm) | HCl (pH 1) || AgNO3 (0.1M) | Ag

V44 = 0.799 + 0.059 log [Ag+]

(45) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V45 = 0.77 + 0.059 log [Fe3+]/[Fe2+]

(46) Pt | H2 (1 atm) | HCl (pH 1) || Sn4+, Sn2+ | Pt

V46 = 0.15 + 0.059/2 log [Sn4+]/[Sn2+]

(47) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V47 = 1.61 + 0.059 log [Ce4+]/[Ce3+]

(48) Pt | H2 (1 atm) | HCl (pH 1) || AgNO3 (0.1M) | Ag

V48 = 0.799 + 0.059 log [Ag+]

(49) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V49 = 0.77 + 0.059 log [Fe3+]/[Fe2+]

(50) Pt | H2 (1 atm) | HCl (pH 1) || Sn4+, Sn2+ | Pt

V50 = 0.15 + 0.059/2 log [Sn4+]/[Sn2+]

(51) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V51 = 1.61 + 0.059 log [Ce4+]/[Ce3+]

(52) Pt | H2 (1 atm) | HCl (pH 1) || AgNO3 (0.1M) | Ag

V52 = 0.799 + 0.059 log [Ag+]

(53) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V53 = 0.77 + 0.059 log [Fe3+]/[Fe2+]

(54) Pt | H2 (1 atm) | HCl (pH 1) || Sn4+, Sn2+ | Pt

V54 = 0.15 + 0.059/2 log [Sn4+]/[Sn2+]

(55) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V55 = 1.61 + 0.059 log [Ce4+]/[Ce3+]

(56) Pt | H2 (1 atm) | HCl (pH 1) || AgNO3 (0.1M) | Ag

V56 = 0.799 + 0.059 log [Ag+]

(57) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V57 = 0.77 + 0.059 log [Fe3+]/[Fe2+]

(58) Pt | H2 (1 atm) | HCl (pH 1) || Sn4+, Sn2+ | Pt

V58 = 0.15 + 0.059/2 log [Sn4+]/[Sn2+]

(59) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V59 = 1.61 + 0.059 log [Ce4+]/[Ce3+]

(60) Pt | H2 (1 atm) | HCl (pH 1) || AgNO3 (0.1M) | Ag

V60 = 0.799 + 0.059 log [Ag+]

(61) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V61 = 0.77 + 0.059 log [Fe3+]/[Fe2+]

(62) Pt | H2 (1 atm) | HCl (pH 1) || Sn4+, Sn2+ | Pt

V62 = 0.15 + 0.059/2 log [Sn4+]/[Sn2+]

(63) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V63 = 1.61 + 0.059 log [Ce4+]/[Ce3+]

(64) Pt | H2 (1 atm) | HCl (pH 1) || AgNO3 (0.1M) | Ag

V64 = 0.799 + 0.059 log [Ag+]

(65) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V65 = 0.77 + 0.059 log [Fe3+]/[Fe2+]

(66) Pt | H2 (1 atm) | HCl (pH 1) || Sn4+, Sn2+ | Pt

V66 = 0.15 + 0.059/2 log [Sn4+]/[Sn2+]

(67) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V67 = 1.61 + 0.059 log [Ce4+]/[Ce3+]

(68) Pt | H2 (1 atm) | HCl (pH 1) || AgNO3 (0.1M) | Ag

V68 = 0.799 + 0.059 log [Ag+]

(69) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V69 = 0.77 + 0.059 log [Fe3+]/[Fe2+]

(70) Pt | H2 (1 atm) | HCl (pH 1) || Sn4+, Sn2+ | Pt

V70 = 0.15 + 0.059/2 log [Sn4+]/[Sn2+]

(71) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V71 = 1.61 + 0.059 log [Ce4+]/[Ce3+]

(72) Pt | H2 (1 atm) | HCl (pH 1) || AgNO3 (0.1M) | Ag

V72 = 0.799 + 0.059 log [Ag+]

(73) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V73 = 0.77 + 0.059 log [Fe3+]/[Fe2+]

(74) Pt | H2 (1 atm) | HCl (pH 1) || Sn4+, Sn2+ | Pt

V74 = 0.15 + 0.059/2 log [Sn4+]/[Sn2+]

(75) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V75 = 1.61 + 0.059 log [Ce4+]/[Ce3+]

(76) Pt | H2 (1 atm) | HCl (pH 1) || AgNO3 (0.1M) | Ag

V76 = 0.799 + 0.059 log [Ag+]

(77) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V77 = 0.77 + 0.059 log [Fe3+]/[Fe2+]

(78) Pt | H2 (1 atm) | HCl (pH 1) || Sn4+, Sn2+ | Pt

V78 = 0.15 + 0.059/2 log [Sn4+]/[Sn2+]

(79) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V79 = 1.61 + 0.059 log [Ce4+]/[Ce3+]

(80) Pt | H2 (1 atm) | HCl (pH 1) || AgNO3 (0.1M) | Ag

V80 = 0.799 + 0.059 log [Ag+]

(81) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V81 = 0.77 + 0.059 log [Fe3+]/[Fe2+]

(82) Pt | H2 (1 atm) | HCl (pH 1) || Sn4+, Sn2+ | Pt

V82 = 0.15 + 0.059/2 log [Sn4+]/[Sn2+]

(83) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V83 = 1.61 + 0.059 log [Ce4+]/[Ce3+]

(84) Pt | H2 (1 atm) | HCl (pH 1) || AgNO3 (0.1M) | Ag

V84 = 0.799 + 0.059 log [Ag+]

(85) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V85 = 0.77 + 0.059 log [Fe3+]/[Fe2+]

(86) Pt | H2 (1 atm) | HCl (pH 1) || Sn4+, Sn2+ | Pt

V86 = 0.15 + 0.059/2 log [Sn4+]/[Sn2+]

(87) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V87 = 1.61 + 0.059 log [Ce4+]/[Ce3+]

(88) Pt | H2 (1 atm) | HCl (pH 1) || AgNO3 (0.1M) | Ag

V88 = 0.799 + 0.059 log [Ag+]

(89) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V89 = 0.77 + 0.059 log [Fe3+]/[Fe2+]

(90) Pt | H2 (1 atm) | HCl (pH 1) || Sn4+, Sn2+ | Pt

V90 = 0.15 + 0.059/2 log [Sn4+]/[Sn2+]

(91) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V91 = 1.61 + 0.059 log [Ce4+]/[Ce3+]

(92) Pt | H2 (1 atm) | HCl (pH 1) || AgNO3 (0.1M) | Ag

V92 = 0.799 + 0.059 log [Ag+]

(93) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V93 = 0.77 + 0.059 log [Fe3+]/[Fe2+]

(94) Pt | H2 (1 atm) | HCl (pH 1) || Sn4+, Sn2+ | Pt

V94 = 0.15 + 0.059/2 log [Sn4+]/[Sn2+]

(95) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V95 = 1.61 + 0.059 log [Ce4+]/[Ce3+]

(96) Pt | H2 (1 atm) | HCl (pH 1) || AgNO3 (0.1M) | Ag

V96 = 0.799 + 0.059 log [Ag+]

(97) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V97 = 0.77 + 0.059 log [Fe3+]/[Fe2+]

(98) Pt | H2 (1 atm) | HCl (pH 1) || Sn4+, Sn2+ | Pt

V98 = 0.15 + 0.059/2 log [Sn4+]/[Sn2+]

(99) Pt | Fe3+, Fe2+ || Ce4+, Ce3+ | Pt

V99 = 1.61 + 0.059 log [Ce4+]/[Ce3+]

(100) Pt | H2 (1 atm) | HCl (pH 1) || AgNO3 (0.1M) | Ag

V100 = 0.799 + 0.059 log [Ag+]