```
Software version = 5.81 Data version = 4.62
Experiment list contains 10 experiments for
(no ligands specified)
2 metals : Es++, Es+++
(no references specified)
(no experimental details specified)
***********************************
                18-Crown-6
                         CAS 17455-13-9 (577)
1,4,7,10,13,16-Hexaoxacyclooctadecane;
______
Metal Mtd Medium Temp Conc Cal Flags Lg K values
                                  Reference ExptNo
______
              U K1=4.70
Es++ dis alc/w
                                 1993MKa (83350) 1
Medium: 10 mol/l H20 in EtOH; for 100% H20 K1=2.64
ionic strength ~0.003 M, temp. is not indicated
******************************
                          CAS 960-71-4 (2107)
C18H15B
Triphenylboron; B(C6H5)3
------
     Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
-----
    sol alc/w 25°C 80% U K1=0.79 B2=2.03 1988MKc (96974)
                                              2
********************************
                            (442)
             HL
                Electron
Electron;
______
Metal Mtd Medium Temp Conc Cal Flags Lg K values
______
     oth none 25°C 0.0 U
                                 1972MRd
Es+++
                                      (457) 3
                       K(Es+e=Es(II))=-26.2(-1.55V)
Method:Estimated data
-----
      oth none 25°C 0.0 U
                                 1969NBa (458) 4
                       K(Es+e=Es(II))=-27.0(-1.6V)
Method: Estimated data
**********************************
C1-
             HL
                Chloride
                       CAS 7647-01-0 (50)
Chloride:
-----
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
_____
     dis NaClO4 25°C 1.0M U
                        K1 = -0.02
                                 1972HPa (4804) 5
***********************************
                Hydroxide
                           (57)
OH-
             HL
Hydroxide;
      Metal Mtd Medium Temp Conc Cal Flags Lg K values
```

SC-Database

```
dis NaClO4 ? 0.10M U
Es+++
                                       1973HHd (11298)
                                                   6
                            *K1=-5.14
Medium: LiClO4
************************************
                              CAS 463-56-9 (106)
SCN-
                HL
                    Thiocyanate
Thiocvanate:
______
      Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
______
                         T K1=0.56 B2=-1.4 1972HPb (14933)
      dis NaClO4 25°C 1.0M U
                           B3=0.47
******************************
S04--
              H2L Sulfate
                               CAS 7664-93-9 (15)
Sulfate:
           Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
______
      dis none 25°C 0.0 U
                            K1=3.81 B2=5.66 1972MCc (16156)
                           B3=5.07
**********************************
                   Citric acid CAS 77-92-9 (95)
              H3L
2-Hydroxypropane-1,2,3-tricarboxylic acid; HOOCCH2.CH(OH)(COOH).CH2COOH
______
     Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
-----
Es+++ dis NaClO4 25°C 0.10M U
                                       1974HHa (46078) 9
                            K(EsL2+6H)=14.09
                            K(EsL(HL)+5H)=9.68
************
                         CAS 67-43-6 (238)
C14H23N3010
               H5L
                    DTPA
Diethylenetriamine-pentaethanoic acid; HOOC.CH2.N(CH2.CH2.N(CH2.COOH)2)2
______
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
______
       ix R4N.X 25°C 0.10M U K1=22.62
                                       1965BAc (89216) 10
Medium: NH4ClO4
REFERENCES
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(1973)
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 1965BAc R Baybarz; J.Inorg.Nucl.Chem., 27, 1831 (1965)
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EXPLANATORY NOTES	
EVALUATION Flags are :-	
T or IUP=T signifies EVALUATION RATING = Tentative by IUPAC	
END	