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START Experiments recorded for
  from SC-Database on Saturday, 01 January, 2000 at 00:33:12
Software version = 5.81 Data version = 4.62
Experiment list contains 78 experiments for
(no ligands specified)
2 metals : Te(IV), Te(not 4)
(no references specified)
(no experimental details specified)
************************************
               HL Electron
e -
                               (442)
Electron;
______
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
______
                                     1972BJb (956)
Te(IV) sp KCl 300�C 100% U
                         B(3Te++ = Te++++ + Te2++)=1.3
Medium: Molten (K,Al)Cl
Te(IV) oth none 25♦C 0.0 U
                                     1952LAb (957) 2
                           K=34.6(1020 \text{ mV})
K: Te(OH)6(s)+2H+2e=TeO2(s)+4H2O. K(TeO3+3H2O+4e=Te(s)+6OH)=-38.5(570 mV),
K(Te(s)+2H+2e=H2T(g))=-25.0(-740 \text{ mV}). K(Te(s)+2e=Te(II))=-38.6(-1140 \text{ mV})
*************************
            HL Bromide
                           CAS 10035-10-6 (19)
Br-
______
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
------
Te(IV) sp oth/un ? var U
B6=10.9
                                     1970BMf (2327) 3
Medium: H2SO4
Te(IV) dis NaClO4 25�C 3.0M U
                          K1=0.97 B2=1.58 1967SNc (2328)
                           B3=1.96
                           B4=2.15
                           B5=2.21
                           B6=2.13
Te(IV) sp NaClO4 6.0M U I K5K6=3.55
                                    1966RMa (2329) 5
Medium: HClO4. K5K6=1.55(I=4)
______
Te(IV) sp non-aq 100% U I K2=2.74 1965KSf (2330) 6
Medium: MeCN. K2=1.20 in DMF; 0.85 in DMSO
*************************
            HL Chloride CAS 7647-01-0 (50)
Chloride;
______
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
```

. ,	sp oth/un 300 <b>≎</b> C 100% U	1974BBa (5773) 7 K4=3.66 to 3.92 K5=2.13 to 2.32 K6=0.68 to 0.82
Medium: mo	olten (K,Al)Cl, m units	
	dis non-aq 25 <b>♦</b> C 100% U T ethylbutyl ketone. K=3.2(40 C)	1972GOc (5774) 8 K(HTeL6+H)=3.0 ), 3.6(60 C)
Te(IV)	sol NaClO4 18�C 0.50M U	1968NKb (5775) 9 K(TeOOH+L)=0.5 K(TeOL2+L)=-0.44 K(TeOL3+L)=-0.77 K(TeOL4+2H+2L)=-1.7
Te(IV)	sp oth/un ? 0.0 U	1968SHe (5776) 10 K(TeOOHCl3+H+Cl)=-3.32 K(TeOCl4+2H)=-2.20 K5=-1.83 K6=-2.19
	dis oth/un 18 <b>♦</b> C 0.0 U H18. Products: 2H2O+TeCl4(TBP)	1968SHf (5777) 11 Kd(TeCl4(H2O)2+2TBP)=0.01 )2(org)
Te(IV)	dis NaClO4 25�C 7.0M U	K1=3.24 B2=6.0 1968SNb (5778) B3=8.34 B4=10.18 B5=12.76 B6=15.30
Medium: H	C104	
	sp NaClO4 8.0M U I 104. K5K6=0.25(I=6)	1966RMa (5779) 13 K5K6=1.55
Te(IV) TBP in hex	dis oth∕un 22 <b>≎</b> C var U	1965BPb (5780) 14 Kd(TeO2H+3H+4Cl+3TBP)=-2.80
	sp non-aq 20 <b>♦</b> C 100% U I MSO. K5=0.7 in DMF, 1.62 in Me	1965KSe (5781) 15 K5=0.77
		**************************************
F- Fluoride;	HL Fluoride	CAS 7644-39-3 (201)
Metal	Mtd Medium Temp Conc Cal Fla	ags Lg K values Reference ExptNo

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Te(IV) oth oth/un ? var U
                                 1974MMc (7232) 16
                       K(TeF40H+HF=TeF5+H20)=-0.4
Medium: HF. Method: ir and Raman spectroscopy
********************************
                       CAS 10034-85-2 (20)
I-
             HL
                Iodide
Iodide;
______
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
Te(IV) sp oth/un 1.0M U
                                 1966MUa (8385) 17
                       B6eff=7.4 (1 M HCl)
*******************************
NO3-
                         CAS 7697-37-2 (288)
            HL Nitrate
Nitrate;
______
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
______
Te(IV) ix mixed 20°C 3.00M U K1=0.28 B2=0.74 19820Ka (9936) 18
                       B3=1.28
                       B4=1.85
                       B5=2.48
                       B6=3.30
**********************
OH-
                Hydroxide (57)
Hvdroxide:
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
_____
Te(IV) sp KCl 25�C 0.0 C
                                 1991MIb (12227) 19
                       K(TeCl6=TeCl4(OH)+HCl+Cl)=4.58
                        *K(TeCl4(OH))=2.66
Calculated from data for solutions in 2.5-10.0 M HCl.
*K(TeCl4(OH)): TeCl4(OH)=TeCl2(OH)2+HCl+Cl. Also by 125Te nmr.
______
Te(IV) sp KNO3 28♦C 0.10M U I
                        K1=11.95 B2=23.52 1977NSa (12228)
                       B3=34.83
                       B4=45.85
*****************************
S--
                         CAS 7783-06-4 (705)
            H2L Sulfide
Sulfide;
______
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
______
Te(IV)
     EMF oth/un 18�C var U I
                        K1=4.50 B2=8.21 1972GZa (14482)
                        K3=7.11
                        K4=3.97
                       K5=2.55
                       K6=2.00
Metal ion: TeO3--. medium: Na2TeO3
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Te(IV) sol oth/un ? var U
                                   1963DGb (14483) 22
                         Ks(TeS2(s)+S)=7.61
                         Ks(TeS2(s)+20H)=4.26
                         K(TeS20+H)=8.7
                         K(HTeS20+H)=10.5
**********************************
S04--
             H2L
                  Sulfate
                            CAS 7664-93-9 (15)
Sulfate;
      Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
______
      ix oth/un 22♦C 3.00M U
                          K1=2.81
                                B2=5.37 1980NOa (16582)
                         B3=7.67
*******************************
                  Methyl alcohol CAS 67-56-1 (597)
Methanol; CH3.OH
______
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
______
Te(IV)
     EMF alc/w 20�C 100% U
                                   1971GSa (17905) 24
                         K(Te(H-1L)3+H-1L)=8.3
                         K(Te(H-1L)4+H-1L)=4.64
                         K(TeL'4+TeL'5=Te2L'9)=2.11
Medium: MeOH, 1 M Me4NCl. L'=H-1L (i.e. CH3O)
******************************
                            CAS 147-84-2 (2126)
C5H11NS2
Diethyldithiocarbamic acid; (CH3.CH2)2N.CSSH
     Mtd Medium Temp Conc Cal Flags Lg K values
                                    Reference ExptNo
______
Te(IV) sp non-aq ? 100% U M
                                   1968SRg (41371) 25
                         K(Te(HA)4+4HL=TeL4+4H2A)=5.5
Medium: CCl4. H2A=dithizone
*********************************
                  o-Nitroaniline CAS 88-74-4 (463)
C6H6N2O2
2-Nitroaminobenzene; H2N.C6H4.NO2
______
      Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
______
      sp diox/w 25◊C 100% U
                                   1975BSb (43361) 26
                         K(TeCl4+L)=1.22
************
              HL
C6H1007
                  Glucuronic acid CAS 6556-12-3 (599)
D-Glucuronic acid;
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
______
            25©C 0.10M M K1=1.24
Te(IV) gl KCl
                                   1987PLb (48423) 27
*********************************
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C6H12O7
            HL Gluconic acid CAS 526-95-4 (904)
D-Gluconic acid, 2,3,4,5,6-Pentahydroxyhexanoic acid; HO.CH2(CHOH)4.COOH
______
     Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
Te(IV) gl KCl 25¢C 0.10M M K1=3.05 B2=3.90 1987PLb (49765)
                                           28
*********************************
                         CAS 89-62-3 (466)
2-Nitro-4-methylaminobenzene; CH3.C6H3(NO2).NH2
______
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
______
     sp diox/w 25◊C 100% U
                               1975BSb (55888) 29
                     K(TeCl4+L)=1.80
********************************
               Turanose
                      CAS 547-25-1 (2701)
3-O-D-Glucopyranosyl-D-fructose;
______
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
-----
           25¢C 0.10M M K1=1.76 1987PLb (82867) 30
Te(IV) gl KCl
*****************************
C12H22O11
               alpha-Lactose CAS 5989-81-1 (2486)
4-D-Beta-D-Galactopyranosyl-alpha-D-glucose;
______
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
Te(IV) gl KCl 25¢C 0.10M M K1=1.57 1987PLb (82876) 31
****************************
       L Maltose CAS 6363-53-7 (2705)
C12H22O11
4-O-alpha-D-Glucopyranosyl-D-glucose, Maltobiose;
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
______
Te(IV) gl KCl 25¢C 0.10M M K1=1.33 1987PLb (82882) 32
****************************
C12H22O11
               Cellobiose
                        CAS 528-50-7 (2697)
4-O-beta-D-Glucopyranosyl-D-glucose;
______
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
______
Te(IV) gl KCl 25�C 0.10M M K1=1.37 1987PLb (82887) 33
*********************************
               Melibiose CAS 66009-10-7 (2699)
C12H22O11
6-O-D-Galactopyranose-D-glucose;
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
______
Te(IV) gl KCl 25¢C 0.10M M K1=1.80 1987PLb (82891) 34
*********************************
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C12H22O11
            L Gentiobiose CAS 554-91-6 (2698)
6-O-D-Glucopyranosyl-D-glucose, Amygdalose;
______
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
Te(IV) gl KCl 25¢C 0.10M M K1=1.27 1987PLb (82894) 35
******************************
                Trehalose
                         CAS 6138-23-4 (2700)
D-Glucopyranosyl-D-glucopyranoside;
-----
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
Te(IV) gl KCl 25 C 0.10M M K1=1.32 1987PLb (82902) 36
Sucrose CAS 57-50-1 (2523)
C12H22O11
beta-D-Fructofuranosyl-alpha-D-glucopyranoside; Saccharose;
______
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
Te(IV) gl KCl 25¢C 0.10M M K1=1.23 1987PLb (82913) 37
*******************************
C12H24O11
                Maltitol
                         CAS 585-88-6 (2709)
4-O-alpha-D-Glucopyranosyl-D-glucitol;
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
Te(IV) gl KCl 25¢C 0.10M M K1=3.69 1988HLa (83684) 38
*****************************
                Lactitol CAS 535-94-4 (2710)
4-O-beta-D-Galactopyranosyl-D-glucitol;
______
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
Te(IV) gl KCl 25¢C 0.10M M K1=3.40 1988HLa (83687) 39
********************************
                diPh-thiourea
C13H12N2S
                         CAS 102-08-9 (1075)
1,3-Diphenyl-2-thiourea; C6H5.NH.CS.NH.C6H5
------
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
______
Te(IV) sp oth/un ? 6.0M U
                                 1973MMc (85390) 40
                       K(TeBr6+2HL)=7.64
Medium: 5-7 H2SO4, 0.2 NaBr.
********************************
                          CAS 1768-59-8 (4988)
1,4-Diphenylthiosemicarbazide; C6H5.NH.NH.CS.NH.C6H5
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
______
Te(IV) sp non-aq ? 100% U
                                1970MMi (85523) 41
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## K(TeBr6+2HL)=3.9

Medium: benzene.  **********************************											
Metal	Mtd	Medium	Temp	Conc	Cal	Flag	s Lg K	values	Refer	ence Exp	tNo
Te(IV) Medium: 93	•		?	93%	U		K(HTe	)2+HL)=2.	1968LNa 36(?)	(104656)	42
Te(IV)  Medium: 96	.25%					· • • • • •	·		1959LSa e02L(?))=3	.95	
e- Electron;	4. 4. 4. 4.		HL		ectro		1. 1. 1. 1. 1. 1. 1.	(442)			
Metal	Mtd	Medium	Temp	Conc	Cal	Flag	s Lg K	values	Refer	ence Exp	tNo
Te(not 4)  K: 2Te(s)				C var	າ U		K=-28	.57, 845 ı	1964PAa mV	(958)	44
Te(not 4)				var	U		K(Te(s	.2, -510 i s)+2e=Te- s)+Te=Te2	-)=-32.1,	, ,	45
<pre>K: Te(s) + ******* F- Fluoride;</pre>					**** uorid				******** 39-3 (201		****
Metal	Mtd	Medium	Temp	Conc	Cal	Flag	s Lg K	values	Refer	ence Exp	tNo
Te(not 4) Medium: Et	•	non-aq	25 <b>¢</b> C	100%	U		k(H+Te	e0F5)=9.2	1971PEg	(7233)	46
Te(not 4)		•						e0F5)=8.8	1971PEj		47
Medium: Et ******** MoO4 Molybdate;	****		****				*****	****** (443)	******	******	****
Metal	Mtd	Medium	Temp	Conc	Cal	Flag	s Lg K	values	Refer	ence Exp	tNo
Te(not 4)	gl	NaCl	25 <b>♦</b> C	1.0	1 C				1987YSa	(8759)	48

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B(7,6,1)=53.68
                           B(8,6,1)=55.47
                           B(p,q,r)=pH+qMoO4+rTe(OH)6
*******************************
OH-
               HL
                   Hydroxide
                                (57)
Hydroxide;
______
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
Te(not 4) gl KCl 25�C 1.0M C T H
                                      1975KMc (12229) 49
                           *K1(Te(OH)6)=-7.28
                           *B(2,1)=-6.31
                           *B(2,2)=-13.45
                           *B(1,2)=-17.74
*B(2,3)=-22.93. Te is Te(VI). Data for 35, 40, 45 C. DH(*K1)=25 kJ mol-1,
DH(*B(2,1))=21, DH(*B(2,2))=59, DH(*B(1,2))=38, DH(*B(2,3))=100.
Te(not 4) cal KCl 25�C 1.0M C H
                                      1975KMd (12230) 50
Metal is Te(VI), Te(OH)6. DH(*K1)=29.3 kJ mol-1, DS(*K1)=-46.0 J K-1 mol-1
DH(*B(2,1))=25.9, DS(*B(2,1))=-38; DH(*B(2,2))=54.8, DS(*B(2,2))=-71.
***********************
02--
              H2L
                   Peroxide
                               CAS 7772-84-1 (2813)
Peroxide: -0.0-
______
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
-----
Te(not 4) gl KCl 25�C 0.10M U
                                      1961ATa (12704) 51
                           K(H5TeO6+H2L)=-0.15
                           K(H5TeO6+2H2L)=-1.41
Te(not 4) gl none 25�C 0.0 U
                                      1959EFa (12705) 52
                           K(H5TeO6+H2L)=-0.17
*********************************
              H2L Sulfide CAS 7783-06-4 (705)
S--
Sulfide;
.
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
______
Te(not 4) EMF oth/un 18♦C var U I K1=7.39 B2=11.45 1972GZa (14484)
                           K3=5.04
                           K4=4.35
                           K5=2.90
                           K6=2.49
Metal ion: TeO4--. Medium: Na2TeO4
****************************
              H2L Tungstate CAS 13783-36-3 (445)
Tungstate;
      Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
Metal
```

B(6,6,1)=50.40

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Te(not 4) sp oth/un ? U
                               1973GBc (17446) 54
                      K'=18.5
K': H2TeO2(OH)4 + 4H2WO4 = H6TeO6(H2WO4)4
Thiourea CAS 62-56-6 (51)
Thiocarbamide, Thiourea; (H2N)2CS
-----
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
Te(not 4) sp KCl ? 2.0M U B2=1.7 1965TSe (17859) 55
Metal: Te++; medium: HCl.
*******************************
           H2L Thioglycolic CAS 68-11-1 (596)
Mercaptoethanoic acid; HS.CH2.COOH
______
     Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
Te(not 4) gl oth/un 30♦C 0.50M U K1=6.3 1982RAa (20375) 56
Metal: Te(II). Medium: H2SO4.
********************************
               Ethyleneglycol CAS 107-21-1 (924)
            L
1,2-Dihydroxyethane (Ethane-1,2-diol); HO.CH2.CH2.OH
------
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
______
Te(not 4) gl oth/un 25�C 0.10M U
                               1957RLa (22157) 57
                      K(H5TeO6+L)=1.21
H2L Thiolactic acid CAS 79-42-5 (366)
C3H602S
2-Mercaptopropanoic acid; CH3.CH(SH).COOH
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
_____
Te(not 4) gl oth/un 30¢C 0.50M U K1=8.6 1982RAa (25174) 58
Metal: Te(II). Medium: H2SO4.
******************************
                         CAS 107-96-0 (437)
C3H602S
            H2L
3-Mercaptopropanoic acid; HS.CH2.CH2.COOH
______
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
.....
Te(not 4) gl oth/un 30�C 0.50M U K1=7.6
                               1982RAa (25229) 59
Metal: Te(II). Medium: H2SO4.
****************************
                Cysteine
                         CAS 52-90-4 (96)
C3H7N02S
            H2L
2-Amino-3-mercaptopropanoic acid; H2N.CH(CH2.SH)COOH
______
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
______
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Te(not 4) Metal: Te( ********	II). Med	ium: H2SO4	4.	K1=5	.3 ******		(26840)	
C3H8O2 Propan-1,2	diol; C	L H3.CH(OH)		eneglycol	CAS 57-55-	6 (2025)		
Metal	Mtd Med	ium Temp (	Conc Cal	Flags Lg K	values	Refer	ence Exp	tNo
Te(not 4)				K(H5T	e06+L)=1.4	7	(27686)	
C3H8O3 Propane-1,		L	Glycer	ol				
Metal	Mtd Med	ium Temp (	Conc Cal	Flags Lg K	values	Refer	ence Exp	tNo
Te(not 4)	gl oth	/un 25 <b>∲</b> C (	0.10M U	К(Н5Т	e06+L)=1.8		(27752)	62
Te(not 4)  Method: qu				К(Н5Т	e06+L)=1.7		(27753)	63
qu								
Te(not 4)	oth oth	/un 0 <b>¢</b> C	->0 U	K(H2T	e04+nL)=0.		(27754)	64
Method: fr	• .		******	******	******	*******	******	****
C4H6O4S 2-Mercapto	succinic	H3L acid, 2-9		lic acid -1,4-butane			I(SH).CH2	.СООН
Metal	Mtd Med	ium Temp (	Conc Cal	Flags Lg K	values	Refer	ence Exp	tNo
Te(not 4) Metal: Te(	II). Med	ium: H2SO4	4.		.7		(30367)	
C4H606		H2L	L-Tarta	******** aric acid anedioic ac	CAS 87-69-	4 (92)		
Metal	Mtd Med	ium Temp (	Conc Cal	Flags Lg K	values	Refer	ence Exp	tNo
Te(not 4)			? U	Keff(	H5TeO6+L)=		(31369) 79	66
Method: op ************************************	******	******** L			********* CAS 5341-9			****
Metal	Mtd Med	ium Temp (	Conc Cal	Flags Lg K	values	Refer	ence Exp	tNo
Te(not 4)	gl oth	/un 25 <b>∲</b> C (	0.10M U			1957RLa	(34671)	67

## K(H5TeO5+L)=1.16

DL- or meso				******	*****	*****	*****	******
C4H10O3 3-Methoxypr	ropa	n-1,2-d:	L iol; (	CH2(OH).CI	H(OH).CH2		623-39-2	(3577)
Metal	Mtd	Medium	Temp	Conc Cal	Flags Lg	g K val	ues	Reference ExptNo
Te(not 4) Metal: Te(	VI).				•		L=H3TeO4	957RLa (34708) 68 (H-2L))=1.40
C5H10O4 2-Deoxy-D-r			L	Deoxy-	Ribose	CAS		**************************************
Metal	Mtd	Medium	Temp	Conc Cal	Flags Lg	g K val	ues	Reference ExptNo
					******	*****	L)=3.11 ******	979HUa (40329) 69 *******
C5H12O4 Pentaerythr	rito	1; C(CH2	H2L 2.OH)4		rythrito	CAS	115-77-5	(3028)
Metal	Mtd	Medium	Temp	Conc Cal	Flags Lg	K val	ues	Reference ExptNo
Te(not 4)	•				K(+	I5Te06+	L=H3TeO4	960ARa (41663) 70 H-2L)=0.58 ******
C6H12O6 D-Fructose	ጥ ጥ ጥ ጥ 	<b>-</b>	L		tose			
Metal	Mtd	Medium	Temp	Conc Cal	Flags Lg	K val	ues	Reference ExptNo
Te(not 4)	gl	KCl	25 <b>♦</b> C	0.10M U	K(F	I5Te06+		957ANa (49553) 71 (H-2L))=1.92
Te(not 4)	Ü				•		H2L=H4Te	957RLa (49554) 72 04L)=1.44
**************************************		*****		D-Gala				**************************************
Metal	Mtd	Medium	Temp	Conc Cal	Flags Lg	K val	ues	Reference ExptNo
Te(not 4)	gl	oth/un	25 <b>�</b> C	0.10M U	K(+	l6Te06+		957RLa (49569) 73 04L)=1.50
**************************************	****	******	***** L	******* D-Gluc	******	*****		*******

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Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
Te(not 4) gl oth/un 25�C 0.10M U
                                        1957RLa (49595) 74
                        K(H6TeO6+H2L=H4TeO4L)=1.16
**********************************
                    Inositol CAS 87-89-8 (2285)
myo-Inositol, meso-Inositol;
______
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
Te(not 4) gl KCl 25�C 0.10M U
                                        1967FAa (49639) 75
                            K(H5TeO6+L=H3TeO4(H-2L)=1.773
                            K(H5TeO6+2L=HTeO2(H-2L)2)=1.85
******************************
              L D-Mannitol CAS 69-65-8 (3664)
C6H1406
D-Mannitol;
         -----
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
Te(not 4) EMF KCl 25♦C 0.10M U 1956ANa (5108 K(H5TeO6+L=H3TeO4(H-2L))=3.19
                                        1956ANa (51089) 76
Method: quinhydrone electrode.
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                               CAS 7138-28-5 (3199)
Phenylethane-1,2-diol; C6H5.CH(OH).CH2.OH
______
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
______
                        1957RLa (60
K(H6TeO6+H2L=H4TeO4L)=1.66
Te(not 4) gl oth/un 25�C 0.10M U
                                        1957RLa (60836) 77
Polvmer
Polyvinyl alcohol;
______
Metal Mtd Medium Temp Conc Cal Flags Lg K values Reference ExptNo
______
Te(not 4) gl oth/un 25�C 0.10M U
                                        1957RLa (108382) 78
                            K'(H5TeO6+L)=0.00
See reference for definitions
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## **EXPLANATORY NOTES**

## DATA Flags are :-

- T Data at other TEMPERATURES
- I Data with various BACKGROUNDS

- H Data for THERMOCHEMICAL quantities
- M Data for TERNARY Complexes

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END Experiments recorded for

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