

TABLE III
Diamagnetic Susceptibilities per Gram-Ion

Ion	$-\chi \times 10^6$	Ion	$-\chi \times 10^6$	Ion	$-\chi \times 10^6$	Ion	$-\chi \times 10^6$
Ag ⁺	24	*Dy ³⁺	19	NO ₂ ⁻	20	Se ⁴⁺	8
*Ag ²⁺	24?	*Er ³⁺	18	Na ⁺	5	Se ⁶⁺	5
Al ³⁺	2	*Eu ²⁺	22	*Nd ³⁺	20	SeO ₃ ²⁻	44
As ³⁺	9?	*Eu ³⁺	20	*Ni ²⁺	12	SeO ₄ ²⁻	51
As ⁵⁺	6	F ⁻	11	O ²⁻	12	Si ⁴⁺	1
AsO ₃ ³⁻	51	*Fe ²⁺	13	OH ⁻	12	SiO ₃ ²⁻	36
AsO ₄ ³⁻	60	*Fe ³⁺	10	*Os ²⁺	44	*Sm ²⁺	23
Au ⁺	40?	Ga ³⁺	8	*Os ³⁺	36	*Sm ³⁺	20
Au ³⁺	32	Ge ⁴⁺	7	*Os ⁴⁺	29	Sn ²⁺	20
B ³⁺	0.2	*Gd ³⁺	20	*Os ⁶⁺	18	Sn ⁴⁺	16
BF ₄ ⁻	39	H ⁺	0	Os ⁸⁺	11	Sr ²⁺	15
BO ₃ ³⁻	35	Hf ⁴⁺	16	P ³⁺	4	Ta ⁵⁺	14
Ba ²⁺	32	Hg ²⁺	37	P ⁵⁺	1	*Tb ³⁺	19
Be ²⁺	0.4	*Ho ²⁺	19	PO ₃ ⁻	30	*Tb ⁴⁺	17
Bi ³⁺	25?	I ⁻	52	PO ₃ ³⁻	42	Te ²⁻	70
Bi ⁵⁺	23	I ⁵⁺	12	Pb ²⁺	28	Te ⁴⁺	14
Br ⁻	36	I ⁷⁺	10	Pb ⁴⁺	26	Te ⁶⁺	12
Br ⁶⁺	6	IO ₃ ⁻	50	*Pd ²⁺	25	TeO ₃ ²⁻	63
BrO ₂ ⁻	40	IO ₄ ⁻	54	*Pd ⁴⁺	18	TeO ₄ ²⁻	55
C ⁴⁺	0.1	In ³⁺	19	*Pr ³⁺	20	Th ⁴⁺	23
CN ⁻	18	*Ir ⁺	50	*Pr ⁴⁺	17	*Ti ³⁺	9
CNO ⁻	21	*Ir ²⁺	42	*Pt ²⁺	40	Ti ⁴⁺	5
CNS ⁻	35	*Ir ³⁺	35	*Pt ³⁺	33	Tl ⁺	34
CO ₃ ²⁻	34	*Ir ⁴⁺	29	*Pt ⁴⁺	28	Tl ³⁺	31
Cu ₂ ²⁺	8	*Ir ⁵⁺	20	Rb ⁺	20	*Tm ³⁺	18
Cb ⁵⁺	9	K ⁺	13	*Re ³⁺	36	*U ³⁺	46
Cd ²⁺	22	La ³⁺	20	*Re ⁴⁺	28	*U ⁴⁺	35
*Ce ³⁺	20	Li ⁺	0.6	*Re ⁶⁺	16	*U ⁵⁺	26
Ce ⁴⁺	17	Lu ³⁺	17	Re ⁷⁺	12	U ⁶⁺	19
Cl ⁻	26	Mg ²⁺	3	*Rh ³⁺	22	*V ²⁺	15
Cl ⁵⁺	2	Mn ²⁺	14	*Rh ⁴⁺	18	*V ³⁺	10
ClO ₂ ⁻	32	Mn ³⁺	10	*Ru ³⁺	23	*V ⁴⁺	7
ClO ₄ ⁻	34	*Mn ⁴⁺	8	*Ru ⁴⁺	18	V ⁵⁺	4
*Co ²⁺	12	*Mn ⁵⁺	4	S ²⁻	38?	*W ²⁺	41
*Co ³⁺	10	*Mn ⁷⁺	3	S ⁴⁺	3	*W ³⁺	36
*Cr ²⁺	15	*Mo ²⁺	31	S ⁶⁺	1	*W ⁴⁺	23
*Cr ³⁺	11	*Mo ³⁺	23	SO ₃ ²⁻	38	*W ⁵⁺	19
*Cr ⁴⁺	8	*Mo ⁴⁺	17	SO ₄ ²⁻	40	W ⁶⁺	13
*Cr ⁵⁺	5	*Mo ⁵⁺	12	S ₂ O ₈ ²⁻	78	Y ³⁺	12
Cr ⁶⁺	3	Mo ⁶⁺	7	Sb ³⁺	17?	Yb ²⁺	20
Cs ⁺	31	N ⁵⁺	0.1	Sb ⁵⁺	14	*Yb ³⁺	18
Cu ⁺	12	NH ₄ ⁺	11.5	Sc ³⁺	6	Zn ²⁺	10
*Cu ²⁺	11	NO ₂ ⁻	10	Se ²⁻	48?	Zr ⁴⁺	10

* Paramagnetic ion. The table gives the underlying diamagnetism only.