

T A B L E S

<u>NUMBER</u>		<u>PAGE</u>
I	Available spectroscopic data on mercury chloride molecule.	18
II	Available spectroscopic data on mercury bromide molecule.	22
III	Available spectroscopic data on mercury iodide molecule.	25
IV	Band head data on HgCl molecule (C-System).	43
V	Deslandres table for C-System of HgCl bands.	48
VI	Vibrational isotope shift in HgCl bands.	50
VII	Red degraded bands of HgCl molecule in the region 2825-2693 Å°.	52
VIII	Additional bands of D system of HgCl molecule.	55
IX	Rotational lines of the (0,1),(0,2) and (1,3) bands of D system of HgCl molecule.	58
X	Band head data on HgBr molecule (C-System).	68
XI	Deslandres table for C-System of HgBr bands.	73
XII	Vibrational isotope shift in HgBr bands.	75
XIII	Band head data on HgBr Molecule (D'-System).	77

<u>NUMBER</u>		<u>PAGE</u>
XIV	Deslandres table for D'-System of HgBr bands.	79
XV	Additional bands of D-System of HgBr molecule.	81
XVI	Band head data on HgBr molecule (E-System).	83
XVII	Deslandres table for E-System of HgBr bands.	86
XVIII	Additional bands of C-System of HgI molecule.	89
XIX	Additional bands of D-System of HgI molecule.	92
XX	Band head data on HgI molecule (E-System).	95
XXI	Deslandres table for E-System of HgI bands.	100
XXII	Correlation of Be+F atom with united aluminium atom.	104
XXIII	$^2\pi$ intervals for the halides of Zn, Cd and Hg.	113
XXIV	Constants derived from the present study.	116
XXV	Vibrational frequencies of halides of Zn, Cd and Hg.	117

<u>NUMBER</u>		<u>PAGE</u>
A ₁	Band head data on CdI molecule (C-System).	122
A ₂	Deslandres table for C-System of CdI bands.	125
A ₃	Band head data on CdI molecule (B-System).	128
A ₄	Deslandres table for B-System of CdI bands.	135
