CONTENTS

CHAPTER		PAGE
	PART I	
I	GENERAL INFORMATION ON CALCITE AND POTASSIUM CHLORIDE	1
II	EXPERIMENTAL TECHNIQUES	16
	PART II	
III	CHEMICAL ETCHING	34
IV	EFFECT OF TEMPERATURE ON ETCH PIT SHAPE	56
v	CATALYTIC ACTION OF ELECTRIC FIELD ON ETCH PIT SHAPES	92
VI	REACTIVITY OF CALCITE CRYSTALS	105
	PART III	
VII	MICROHARDNESS OF CRYSTALS (GENERAL)	114
VIII	VARIATION OF LOAD WITH DIAGONAL LENGTH OF INDENTATION MARK	139
IX	VARIATION OF HARDNESS WITH LOAD	154

•

CHAPTER		PAGE
Х	ELECTRICAL CONDUCTIVITY OF CALCITE CRYSTALS	167
XI	MICROHARDNESS AND ELECTRICAL CONDUCTIVITY OF PURE AND DOPED POTASSIUM CHLORIDE CRYSTALS	184
	REFERENCES	

---000000000---