

CONTENTS

GENERAL DISCUSSION

I.	Organic Compounds as Precipitants for Inorganic Ions	3
II.	Some Properties of Organometallic Precipitates	33
III.	Separations by Means of Organic Reagents	47
IV.	Theory of the Solubility of Salts with a Common Anion	67
V.	Techniques in Gravimetric and Volumetric Analysis with Organic Reagents	79

SPECIAL REAGENTS

VI.	Anthranilic Acid	95
VII.	The Arsonic Acids	107
VIII.	α -Benzoin Oxime	121
IX.	Ammonium Nitrosophenylhydroxylamine (Cupferron)	133
X.	The α -Dioximes	143
XI.	8-Hydroxyquinoline (Oxine)	157
XII.	Miscellaneous Reagents	191
XIII.	α -Nitroso- β -Naphthol	207
XIV.	Picrolonic Acid	217
XV.	Precipitants for Anions	233
XVI.	Quinaldic Acid	247
XVII.	Salicylaldoxime	259
XVIII.	Tannin	265
XIX.	Thionalide	273