

LIST OF TABLES

	Page
Table I. Effect of Various Agents on Nuclease Activity.	45
Table II. Summary of Purification of Nuclease from <i>S. litorea</i> .	50
Table III. Effect of Various Agents on Purified Nuclease Activity.	79
Table IV. Gel filtration Data of Alkaline Nuclease and Standard Proteins.	85
Table V. Hydrolysis of Various DNA Substrates by the Alkaline Nuclease as Compared with DNase.	96