

Contents

PREFACE v

| | | |
|----|---|-----|
| 1 | Composition of Milk | 1 |
| 2 | Physical Properties of Milk | 36 |
| 3 | Sampling Methods | 59 |
| 4 | Tests For Fat: Babcock, Gerber, Mojonnier | 71 |
| 5 | Other Tests For Fat | 117 |
| 6 | Testing For Solids | 139 |
| 7 | Lactometer and Its Uses | 155 |
| 8 | Tests For Milk Quality | 173 |
| 9 | Adulteration of Milk and Milk Products | 200 |
| 10 | Analysis of Butter and Cheese | 220 |
| 11 | Acidity of Milk and Its Products | 246 |
| 12 | Bacteriology of Milk | 268 |
| 13 | Nutritive Value of Milk and Its Products | 304 |
| 14 | Chemical Cleaning Technology | 332 |
| 15 | Dairy Chemistry Problems | 356 |

APPENDIX 365

INDEX 389