List of Figures

| Ser.No | | Page |
|---------|--|------|
| 1.3.1 | Syringe parts | 3 |
| 2.3.1.3 | Chemical structure of polypropylene | 40 |
| 2.3.1.4 | Chemical structure of polypropylene | 40 |
| 2.3.1.5 | white fresh granules of PP | 40 |
| 2.3.1.6 | Black fresh granules of PVC | 41 |
| 4.1.1 | Stability chamber or incubator | 41 |
| 4.1.2 | IR spectrophotometer | 41 |
| 4.1.3 | UV spectrophotometer (shimadzu 3220) | 42 |
| 4.1 | Liquid Leakage tester | 42 |
| 4.2 | Air Leakage tester | 42 |
| 5.1.1 | Laminar Air Follow | 43 |
| 5.1.2 | LAL Pyrotell. | 43 |
| 4.2 | UV Spectrum of sample solution (S) after (24) hours (zero time). | 44 |
| 4.3 | UV Spectrum of sample solution (S) after (24) hours (zero time). | 45 |
| 4.4 | UV Spectrum of sample solution (S) in the first month. | 46 |
| 4.5 | UV Spectrum of sample solution (S) in second month | 47 |
| 4.6 | UV Spectrum of sample solution (S) in second month | 48 |
| 4.7 | UV Spectrum of sample solution (S) in third month | 49 |
| 4.8 | UV Spectrum of sample solution (S) in third month. | 50 |