4. EXPERIMENTAL DESIGN

- Isolation of the bacteria
- Identification of the bacteria
- Optimization of pigment production under various parameters
- Extraction of the pigment using different solvents
- Thin layer chromatography
- Dyeing of plastics using the pigment
- Colour fastness of the dyed fabrics
- Dyeing of the pigment in fabrics
- Antibacterial activity of the pigment
- Toxicity test using Chanos chanos fish

Color fastness of the dyed fabrics