APPENDICIES
APPENDIX A:
LIST OF TABLES
APPENDIX A

APPENDIX A: LIST OF TABLES

Table 1: Comprehensive data on chromium

Table 2: Various mechanisms of chromate resistance in reported strains

Table 3: Morphologically different chromate resistant bacteria (and their Gram characters and cell-shape) primarily isolated on selective media

Table 4: Minimum Inhibitory Concentration or MIC values of chromium against isolates

Table 5: Comparative study of MIC of our isolates with others’ work

Table 6: Biochemical characteristics of chromate resistant isolates

Table 7: Identification of isolates; their NCBI GenBank (USA) and NII Culture Repository (India) accession numbers

Table 8: Antibiotic sensitivity of the isolates: diameters of the zones are given in “mm”

Table 9: Resistance of the isolates against heavy metals (other than Cr VI)

Table 10: Cysteine residues in isolates

Table 11: Comparative study of chromium uptake by isolates

Table 12: Comparative study of chromium uptake by our isolates with published works

Table 13: Bioremediation studies of T2 and S2

Table 14: q_e of various Cr VI concentrations at equilibrium

Table 15: Desorption study results on alginate beads different eluents

Table 16: Interference of various meals in Cr VI detection/quantification

Table 17: Comparative study of microbial biosensors in published works against current study