



ChemTech

International Journal of ChemTech Research

CODEN (USA): IJCRGG ISSN: 0974-4290

Vol.9, No.03 pp 254-257, 2016

Removal of Heavy Metals from Ground Water using Eucalyptus Carbon as Adsorbent

M. Mohamed Sihabudeen¹, A. Abbas Ali^{2*} and A. Zahir Hussain¹

¹PG and Research Department of Chemistry, Jamal Mohamed College, Trichy-620 020, Tamil Nadu, India.

²Department of Chemistry, M.I.E.T. Engineering College, Gundur, Trichy-620 007, Tamil Nadu, India.

Abstract: In the present study, Eucalyptus carbon powder was used as an adsorbent for the removal of Heavy metals such as Lead, Cadmium, Chromium, Manganese and Copper from Ground water was studied. Highest adsorption capacity of Copper was found with an initial concentration of 100 ppm solution. Hence the present study reveals that the low cost adsorbent of Eucalyptus carbon may be used for removing the above said heavy metals present in Ground water.

Key words: Heavy metals, Eucalyptus carbon, Adsorption.

A. Abbas Ali *et al* /International Journal of ChemTech Research, 2016,9(3),pp 254-257.
