



Heavy Metal Adsorption

By Akl Awwad

LAP Lambert Academic Publishing. Paperback. Condition: New. 128 pages. Dimensions: 8.7in. x 5.9in. x 0.3in. Pollution in our planet by heavy metals is an important environmental problem threatening the health of human populations and natural ecosystems. Agricultural and industrial pollution release large amounts of heavy metals into the atmosphere, surface water, soil, and plants. The aim of this research work is to determine the potential of application of sodium polyphosphate modified kaolinite clay as an adsorbent for the removal of lead (II), zinc (II) and cadmium (II) ions from aqueous solutions. The adsorbent dosage, pH, temperature and contact time were investigated. The adsorption isotherms of all three metal ions followed well Langmuir equation. Modified sodium polyphosphate-kaolinite clay was found to remove heavy metal ions efficiently from aqueous solutions with selectivity in the order of $Pb_2 Zn_2 Cd_2$. The maximum heavy metal ions adsorbed by modified. The results of this study showed that the sodium polyphosphate-kaolinite clay powder can be efficiently used as a low-cost adsorbent for the removal of divalent lead, zinc and cadmium from aqueous solution. This item ships from multiple locations. Your book may arrive from Roseburg, OR, La Vergne, TN. Paperback.



READ ONLINE
[5.35 MB]

Reviews

I actually started reading this article ebook. I have got read and so i am certain that i will going to study once more yet again in the future. I am just very happy to inform you that this is the finest publication we have read in my personal lifestyle and may be he finest ebook for ever.

-- Mrs. Clotilde Hansen II

The ideal publication i at any time read through. It really is writter in easy phrases and never difficult to understand. Its been designed in an remarkably easy way which is merely right after i finished reading through this publication by which actually transformed me, affect the way i think.

-- Jaqueline Flatley

Other Books



[Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .](#)

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the...



[Reflections From the Powder Room on the Love Dare: A Topical Discussion by Women from Different Walks of Life](#)

Destiny Image. Book Condition: New. 0768430593 BRAND NEW!! MULTIPLE COPIES AVAILABLE. NEW CONDITION!! 100% MONEY BACK GUARANTEE!! BUY WITH CONFIDENCE! WE SHIP DAILY!!EXPEDITED SHIPPING AVAILABLE. What's more fun than reading a book? Discussing it with friends. . . or even strangers who...



[Water From The Well: Sarah, Rebekah, Rachel, and Leah](#)

HarperOne. Hardcover. Book Condition: New. 0060737964 Never Read-12+ year old Hardcover book with dust jacket-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy- I ship FAST with FREE tracking!! * I...



[Kid Toc: Where Learning from Kids Is Fun!](#)

Createspace, United States, 2012. Paperback. Book Condition: New. Hanne Simone Larsen (illustrator). 254 x 203 mm. Language: English . Brand New Book ***** Print on Demand *****. Where learning to read from kids is fun! - FREE Videos - with kids -...



[Books are well written, or badly written. That is all.](#)

GRIN Verlag Okt 2013, 2013. Taschenbuch. Book Condition: Neu. 210x148x1 mm. This item is printed on demand - Print on Demand Neuware - Essay from the year 2007 in the subject English - Literature, Works, grade: A, The Open University, language: English,...



[Born Fearless: From Kids' Home to SAS to Pirate Hunter - My Life as a Shadow Warrior](#)

Quercus Publishing Plc, 2011. Hardcover. Book Condition: New. No.1 BESTSELLERS - great prices, friendly customer service â" all orders are dispatched next working day.