

## **OPTIMIZATION OF PROCESS PARAMETERS FOR CD (II) BIOSORPTION ONTO A CD (II) RESISTANT YEAST STRAIN *CANDIDA TROPICALIS* XTA1874 IN AQUEOUS MEDIUM**

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*Biosorptive removal of Cd(II) depends on various physico-chemical and nutritional factors. The effects of various important factors on the Cd(II) biosorption process by the strain Candida tropicalis XTA 1874 has been optimized in our present study. Our study depicts significant impacts of the physico-chemical parameters on Cd(II) biosorption. The micronutrients employed in our study also showed significant effects. Among the carbon and nitrogen sources glucose and urea showed the most significant impact on Cd(II) biosorption by the strain.*

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