

## *Lymnaea auricularia*

(2009 / 12/ 28 2009 / 7 /2 )

thin layer chromatography (TLC)

*L.auricularia*

0.002

/ 0.005

### **A qualitative and A quantitative Study of Free Pool Amino Acids in Redia and Cercariae , (Furcocercous) which Infect *Lymnaea auricularia* Snials**

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#### **ABSTRACT**

Thin layer Chromatography technique was used to determine the free pool amino acids in rediae and cercariae (Furcocercous) wicth were obtained from *Lymnaea auricularia* snials, collected from Tigris river (Al-Rashedeya area) in Mosul city. The qualitative analysis suggested presence of free amino acids : alanine, leucine, lysine, histidine and valine in the redia, while: alanine and histidine were found in the cercariae, by using nihydrine reagent as

to the quantitative determination for these free amino acids they were 0.002-0.005 µg/ml in both media and cercariae.