

94文章

## 中压液相色谱纯化牛红细胞超氧化物歧化酶

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**摘要** A rapid and effective purification of superoxide dismutase from bovine erythrocytes by MPLC is reported. After bovine erythrocytes were treated with chloroform-ethanol to remove hemoglobin, acetone was used to remove contaminant proteins. Then highly purified Cu-Zn SOD (the specific activity was 10 000~15 000U/mg pr.) was obtained by twice DEAE-Sepharose chromatography using different eluting procedures. SDS-PAGE of the Cu-Zn SOD purified as above revealed one band. The molecular weight was 15 000~17 000.

**关键词** [中压液相色谱](#) [超氧化物歧化酶](#) [红细胞](#).

分类号

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### Key words

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