

[Available Issues](#) | [Japanese](#)

Author:  [ADVANCED](#) | Volume  Page   
Keyword:



[TOP](#) > [Available Issues](#) > [Table of Contents](#) > [Abstract](#)

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**Food Science and Technology International, Tokyo**

Vol. 1 (1995), No. 2 pp.98-100

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## **Determination of Free Ethylenediaminetetraacetic Acid Titration Using Eriochrome Black T with Visual End**

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(Received: June 26, 1995)

A direct titrimetric method for the determination of ethylenediaminetetraacetic acid (EDTA) in foods is described. Free EDTA was extracted from food dialysis using ammonium buffer. An aliquot of dialyzate was subjected to standard MgCl<sub>2</sub> solution at pH 8.5 using Eriochrome Black T as an indicator. The common inorganic ions (PO<sub>4</sub><sup>3-</sup>, NO<sub>3</sub><sup>-</sup>, Cl<sup>-</sup>) and organic acids (citric acid, tartaric acid) in foods do not interfere with the proposed method.

**Keywords:** [free ethylenediaminetetraacetic-acid](#), [food](#), [visual titrat](#)

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To cite this article:

Takashi HAMANO, Yukimasa MITSUHASHI, Nobumi AOKI, I  
Yoshio ITO, **Determination of Free Ethylenediaminetetraacet**  
**Titration Using Eriochrome Black T with Visual End-Point Ir**  
100. (1995) .

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doi:10.3136/fsti9596t9798.1.98

JOI JST.JSTAGE/fsti9596t9798/1.98