



Available Issues Ja	<u>ipanese</u>			
Author:	ADVA	NCED	Volume	Page
Keyword:	Sea	rch		
	Add to Favorite/Citation Articles Alerts	€ĺ	Add to Favorite Publication	ıs (

<u>TOP</u> > <u>Available Issues</u> > <u>Table of Contents</u> > Abstract

Food Science and Technology International, Tokyo

Vol. 1 (1995), No. 1 pp.34-37

Thermogravimetric Measurement of the Distribution Maltooligosaccharides upon a Cation-exchange Resi

Shuji ADACHI¹⁾, Takeshi MIZUNO²⁾ and Ryuichi MATSUNO¹⁾

- 1) Department of Food Science and Technology, Faculty of Ag University
- 2) Production Station, Hayashibara Co., Ltd.

(Received: April 21, 1995)

Thermogravimetry under nitrogen atmosphere was applied to meas coefficients of maltooligosaccharides upon a cation-exchange resin the solute occurred at about 200°C and its weight decreased graduatemperature, while that of the resin occurred above 350°C. The sol resin also degraded at that temperature. Thus, it was demonstrated was applicable to measurement of the distribution coefficient. The c by this method coincided well with those determined by the converthe amount of solute distributed in the resin became large when the

solute was high, the thermogravimetric determination of the amoun Thus, this technique was useful for the measurement of the coefficie concentrations of solute.

Keywords: distribution coefficient, thermogravimetry, maltooligosa

[PDF (407K)] [References]

Downlo

To cite this article:

Shuji ADACHI, Takeshi MIZUNO and Ryuichi MATSUNO, **The Measurement of the Distribution Coefficients of Maltooligos Cation-exchange Resin** *FSTI*. Vol. **1**, 34-37. (1995) .

doi:10.3136/fsti9596t9798.1.34