U-5100

Analysis of NO₃⁻ in Water Sample

INTRODUCTION

Nitrate ion is derived from protein etc. as a result of the decomposition by germs and bacteria and therefore, it is considered as an effective index to show human-induced contamination. The water quality standard value for nitrate nitrogen is 10 mg/L or less. In general, about 0.1-1 mg/L of nitrate ion is contained in fresh water. This time, nitrate ion in mineral water was assayed by using the water quality analysis reagent kit for nitric acid (nitrate nitrogen) of Kyoritu Chemical-check Lab. This reagent kit allows the analysis of nitric acid in fresh water in the absence of nitrous acid. U-5100, when used with the reagent kit for nitric acid, allows easy analysis of nitric acid. Because of the automatic 6-cell turret, which is included in the standard installation, the sample switching can also be performed smoothly.



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