

Photoactivation method for determining the activity of the ^{63}Ni isotope in radioactive materials, in which the activity of the ^{60}Co isotope and the ratio of the number of ^{58}Ni atoms to ^{59}Co atoms are measured to determine the activity of the ^{63}Ni isotope, which are determined experimentally by measuring the activities of the isotopes ^{57}Co and ^{58}Co using photoactivation analysis.