

## **Correction of Coincidence Summing Effect in Filter Sample Measurement with HPGe Spectrometer**

The coincidence summing effect influence the accuracy of the measured activity in IMS filter sample measurement. This article describes the correction of coincidence summing effect in Filter sample measurement with HPGe spectrometer, including the mechanism of coincidence summing effect, the influence to the measurement, the method of correction and, the result of correction. The conclusion is that the accuracy of measured activity in IMS filter sample is improved after the correction of coincidence summing effect.

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