

¹²⁹In

In 1975, the first identification of ¹²⁹In was reported by Aleklett et al. “Beta-Decay Properties of Strongly Neutron-Rich Nuclei” (1975A111). The isotopes were produced by thermal-neutron induced fission of ²³⁵U and identified using Studsvik’s OSIRIS separator. In Table 2 listing heavy fission fragments from silver to lanthanum, ¹²⁹In is identified with a half-life of 0.8 s as quoted from the report by Grapengiesser (1974Gr29). Grapengiesser did not uniquely assign the elements and only listed the mass for this half-life.

Adapted from reference (2011Am01)

- 1974Gr29 B. Grapengiesser, E. Lund, and G. Rudstam, J. Inorg. Nucl. Chem. **36**, 2409 (1974).
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