

^{149}Ce

In the 1971 paper “Low-energy transitions from the deexcitation of spontaneous fission fragments of ^{252}Cf ,” Hopkins et al. reported the observation of ^{149}Ce at the Center for Nuclear Studies of the University of Austin ([1971Ho29](#)). Fission fragments from the spontaneous fission of ^{252}Cf were measured in coincidence with X-rays and low-energy γ -rays. In a table the γ -ray energy (142.7 keV) of an excited state was identified correctly. This energy had also been reported earlier ([1970Jo20](#)), however, no specific element assignment was made.

The assignment was changed ([2014Th03](#)) from the original compilation ([2009Gi07](#)) which credited a later paper by Aronsson et al. ([1974Ar17](#)) with the discovery of ^{149}Ce .

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Please cite this abstract as: “FRIB Nuclear Data Group, *Discovery of Nuclides Project*, Isotope Database, doi:[10.11578/frib/2279152](https://doi.org/10.11578/frib/2279152)”