

⁸⁰Ga

⁸⁰Ga was observed by Grapengiesser et al. in the 1974 paper “Survey of short-lived fission products obtained using the Isotope-Separator-On-Line Facility at Studsvik” in 1974 ([1974Gr29](#)). The gallium isotopes were produced by neutron induced fission and identified at the OSIRIS isotope-separator online facility. In the first long table, the authors reference an internal report ([1970GrYM](#)) as the source of a half-life of 1.7(2) s for ⁸⁰Ga.

Adapted from reference ([2012Gr19](#))

- [1970GrYM](#) B. Grappengiesser, E. Lund, G. Rudstam, and the OSIRIS Collaboration, Intern. Conf. Prop. Nuclei, Leysin, Switzerland, Vol. **2**, p. 1093 (1970).
- [1974Gr29](#) B. Grapengiesser, E. Lund, and G. Rudstam, J. Inorg. Nucl. Chem. **36**, 2409 (1974).
- [2012Gr19](#) J. L. Gross and M. Thoennessen, At. Data Nucl. Data Tables **98**, 983 (2012).

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)”