

⁷⁵Rb

Ravn et al. discovered ⁷⁵Rb in “Short-lived isotopes of alkali and alkaline-earth elements studied by on-line isotope separator techniques” in 1975 ([1975Ra03](#)). The CERN synchrocyclotron accelerated protons to 600 MeV which produced ⁷⁵Rb in spallation reactions. The spallation products were separated at the ISOLDE facility. “The following half-lives of new nucleides have been determined: ⁷⁵Rb (21±3) sec,...”

Adapted from reference ([2012Pa21](#))

[1975Ra03](#) H. L. Ravn, S. Sundell, L. Westgaard, and E. Roeckl, J. Inorg. Nucl. Chem. **37**, 383 (1975).

[2012Pa21](#) A. M. Parker and M. Thoennessen, At. Data Nucl. Data Tables **98**, 812 (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)”