

^{168}Yb

Dempster reported the discovery of ^{168}Yb in the 1938 paper “The isotopic constitution of gadolinium, dysprosium, erbium and ytterbium” ([1938De01](#)). An ytterbium oxide sample reduced with neodymium was used for analysis in the Chicago mass spectrograph. “The ytterbium oxide was reduced by neodymium and also showed two new isotopes at masses 170 and 168.”

Adapted from reference ([2013Fr10](#))

[1938De01](#) A. J. Dempster, Phys. Rev. **53**, 727 (1938).

[2013Fr10](#) C. Fry and M. Thoennessen, At. Data Nucl. Data Tables **99**, 520 (2013).

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)”