

^{42}Ca

^{42}Ca was discovered by Aston in “Constitution of Hafnium and other Elements” in 1934 ([1934As03](#)). The isotope was identified with an anode discharge tube installed at the Cavendish Laboratory mass spectrograph. “Very intense spectra were obtained from calcium, disclosing faint new isotopes, 42 and 43, in addition to 40 and 44 previously discovered by Dempster.”

Adapted from reference ([2011Am01](#))

[1934As03](#) F. W. Aston, *Nature* **133**, 684 (1934).

[2011Am01](#) S. Amos, J. L. Gross, and M. Thoennessen, *At. Data Nucl. Data Tables* **97**, 383 (2011).

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