

⁸¹Br

Aston discovered ⁸¹Br in 1920 at the Cavendish Laboratory in Cambridge, UK, as reported in “The constitution of the elements” ([1920As02](#)). The isotope was identified by measuring its mass spectra and no further experimental details were given. “Bromine (atomic weight 79.92) is particularly interesting, for, although its chemical atomic weight is so nearly 80, it is actually composed of approximately equal parts of isotopes 79 and 81.”

Adapted from reference ([2012Gr02](#))

[1920As02](#) F. W. Aston, *Nature* **105**, 547 (1920).

[2012Gr02](#) J. L. Gross, J. Claes, J. Kathawa, and M. Thoennessen, *At. Data Nucl. Data Tables* **98**, 75 (2012).

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