

## <sup>45</sup>Sc

Aston reported the discovery of <sup>45</sup>Sc in the 1923 paper “Further Determinations of the Constitution of the Elements by the Method of Accelerated Anode Rays” (1923As03). The mass determination was made using the method of accelerated anode rays with the Cavendish spectrograph: “Scandium was successfully attacked by the use of material kindly supplied by Prof. Urbain, of Paris. The only line obtained was at 45. It may be taken provisionally to be a simple element, but the effects are not strong enough to disprove the presence of small quantities of another constituent.”

Adapted from reference (2011Me01)

1923As03 F. W. Aston, *Nature* **112**, 449 (1923).

2011Me01 D. Meierfrankenfeld, A. Bury, and M. Thoennessen, *At. Data Nucl. Data Tables* **97**, 134 (2011).

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