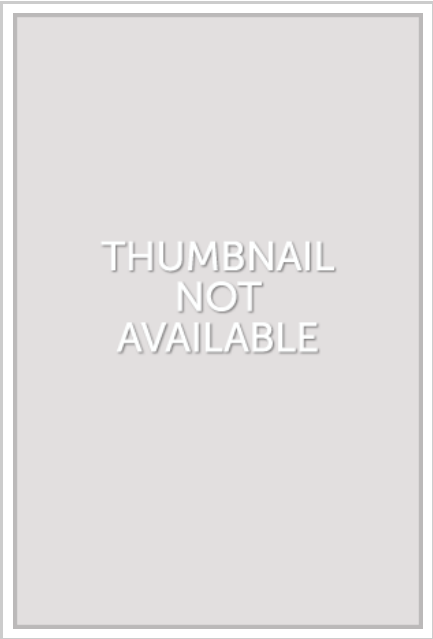


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Radium, Vol. 14: October, 1919 (Classic Reprint) (Paperback)

By Charles H Viol

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Radium, Vol. 14: October, 1919 The quantity of emanation in equilibrium with one gram of radium (element) has been named the curie in honor of Professor and Madame Curie. A curie of emanation has therefore the same beta and gamma ray activity as a gram of radium in equilibrium with its decay products, Ra Em, Ra A, Ra B and Ra C. A curie of emanation has a volume under normal conditions of temperature and pressure (O C and 760 mm. barometric pressure) of 0.63 cubic millimeters, and weighs 6.2 micrograms (0.0000062 gram). Corresponding to micro- and milligrams of radium (mcgm. and mgm.) we have the terms micro- and millicuries (mcc. and mc.) Radium emanation may be condensed by the use of liquid air, and by proper manipulation can by this means be secured in pure form. Radium emanation has been collected, purified and used in applicators in place of the actual radium salt at the London Radium Institute since its inception in 1912. Stevenson of Dublin seems to be the first one (Brit. Med....

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Reviews

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