

GENEALOGY DATABASE ENTRY

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Richards, Theodore William

1868 - 1928

DEGREE: PhD

DATE: 1888

PLACE: Harvard

TEACHER/RESEARCH ADVISOR: Cooke

Nobel prize in 1915 for atomic weight determinations of Cu, O, Ba, Sr, Ca, Zn, Mg, Fe, Co, Ag, C, N, and Pb; found atomic weight of lead varied with source, thus confirming theory of isotopes; studied compressibilities and atomic volumes of elements; invented the adiabatic calorimeter and used it to measure many heats of dilution, combustion, dissolution, and neutralization; invented a nephelometer for measuring traces of solids suspended in liquids; investigated physical properties of metal amalgams.

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6. *J. Chem. Soc.* **1930**, 1937-1969.
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