

Europium

Eu

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Discovered in 1901



Discovered by
Eugène-Anatole
Demarçay



Used in printing
euro bank notes



The name derived
from the mineral
samarskite

Europium: the most reactive of the lanthanide group. At room temperature, it tarnishes quickly in air, at about 150 C to 180 C, it burns and reacts readily with water