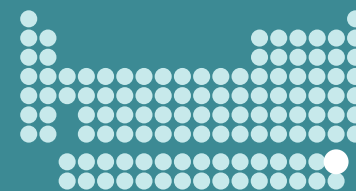


#71



LUTETIUM

Lu

71

174.967



ROCK DATING



Lutetium-176's radioactive decay can be used to determine the age of minerals and meteorites.

CATALYST



Lutetium(III) oxide can be used as a catalyst in a number of reactions, such as cracking hydrocarbons.

TREATING CANCER



Lutetium-177 is used in 'lutetium therapy' to treat tumours from the nervous or endocrine system.