

Title: Arfwedson discovered lithium

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The discovery of the new element in 1817 was only the first step, as Arfwedson and others struggled to isolate the pure metallic form of lithium. The element's high reactivity meant it was ...

Johan August Arfwedson was a Swedish chemist who discovered the chemical element lithium in 1817 by isolating it as a salt.

There he worked on the oxides of manganese, discovered the element lithium, and in 1823, believed that he had prepared uranium metal. In fact, it was uranium (IV) oxide, UO_2 . In 1841, the Swedish ...

Swedish chemist Johan August Arfwedson made this discovery while working in Jacob Berzelius's laboratory in Stockholm. Arfwedson was analyzing petalite, a mineral sourced from ...

In Stockholm, Arfwedson knew the chemist Jakob Berzelius and received access to his private laboratory, where he discovered the element lithium in 1817, during analysis of the mineral petalite. [1]

In turn, Arfwedson succeeded in identifying all but four per cent of the petalite, which fraction he therefore proposed was a new alkali. At the suggestion of Berzelius it was named lithion after the ...

He and Berzelius decided to call it lithion (lithium), because it was discovered in a mineral (lithic means rocky), whereas sodium and potassium were first isolated from animal and vegetable ...

...discovered by the Swedish chemist Johan August Arfwedson in 1817 while analyzing the mineral petalite. The name lithium is derived from lithos, the Greek word for "stony." The element was not ...

José Bonifácio de Andrada e Silva discovered a lithium aluminium phyllosilicate crystal in a mine on the island of Utö, Sweden, in 1800, but he didn't know it contained a new element which Johan August ...



Arfwedson discovered lithium

Arfwedson was a Swedish chemist who discovered the element lithium. Arfwedson was from a wealthy family and matriculated early from Uppsala University where he earned both a Law ...

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