

Q] Compare Chemical Reactivity of Actinoids & Lanthanoids.

Solⁿ In Lanthanoid, the earlier members are more reactive. They have reactivity that is comparable to Ca. With ↑ in atomic number, the Lanthanides start behaving as Al.

Actinoids on other hand are highly reactive metals, especially in powder form.

Added in water they give mixture of oxide and hydroxide; They combine with most non-metals at room temp. Alkalies have no action on Actinoids.