Email : sales@scilabexport.com
Phone: +91-7082934803

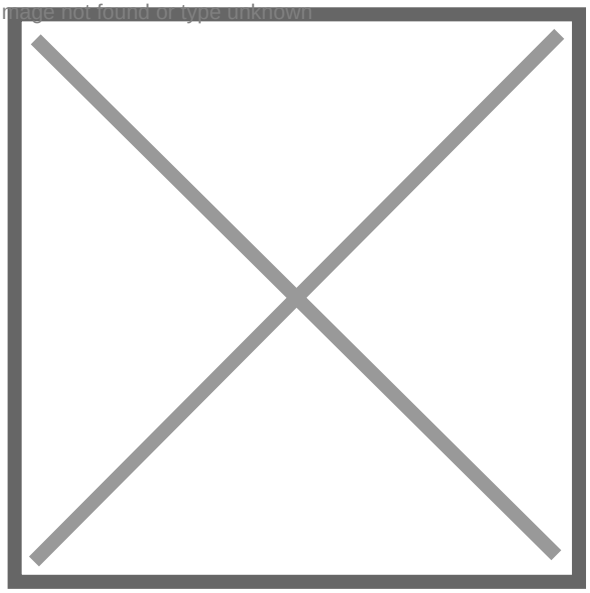
Product Name :

Aluminum (Powder)

Product Code :

SCI-457/193

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Description :

Aluminum (Powder) (Product Code: SCI-457/193) is an analytical reagent grade aluminium metal powder used to study the reactivity of metals, displacement reactions and the amphoteric behaviour of aluminium in school and college chemistry laboratories. Because a fine powder reacts faster than foil or turnings, teachers choose it when results are needed within one lesson; this listing is a 50 g pack supplied with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a source of school chemistry lab equipment in India.

Specifications

Parameter	Detail
Grade	Analytical reagent
Physical form	Powder
Pack size	50 g
Documentation	Supplied with MSDS
Shelf life	Shelf life depends on the chemical, its grade and storage conditions; ask us for the expiry date of the batch you are quoted.
Product code	SCI-457/193
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Aluminium Powder Used For?

Stirred into copper(II) sulfate solution, aluminium powder displaces copper: the blue colour fades and pink-brown copper appears, often faster once a pinch of salt breaks through the metal's oxide layer. With warm dilute hydrochloric acid it gives off hydrogen, and it also dissolves in sodium hydroxide solution with the same gas, which shows students that aluminium is amphoteric. Trained teachers mix it with iron(III) oxide for the thermite demonstration, which is done only outdoors behind a safety cordon.

Fine metal powder burns readily, so keep it away from flames, sparks and oxidising agents, avoid raising dust clouds, and close the container firmly because moisture slowly attacks the powder. Never use water on a metal-powder fire — keep dry sand to hand. Ordering it with magnesium, zinc and the matching salt solutions lets a full reactivity-series practical come from one chemistry lab instruments supplier.

Supplier

ScienceLab, the trading name of Jain Scientific Equipments Private Limited, sources Aluminum (Powder) for schools, colleges and training institutes in India and international markets, and ships each pack with its MSDS. Metal powders, salts and glassware for a reactivity-series practical can go on a single enquiry, which keeps ordering simple for a busy science department.

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