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

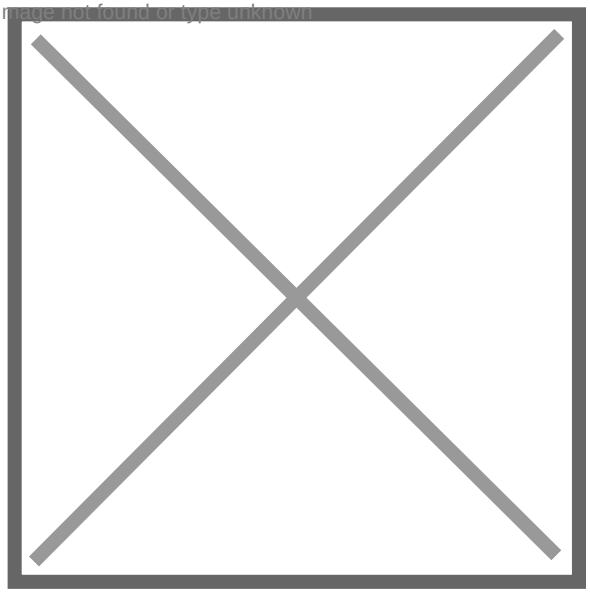
Product Name :

2,4-DNP

Product Code :

SCL-742/116

Image not found or type unknown



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

Description :

2,4-DNP (Product Code: SCL-742/116) is an analytical reagent in a 100 gm pack used for organic chemistry practical work in school and college laboratories. In practical lists the abbreviation most often stands for 2,4-dinitrophenylhydrazine, the reagent that detects the carbonyl group in aldehydes and ketones, but the same letters are also used for 2,4-dinitrophenol, so pleaseconfirm the compound your syllabus needs when you enquire. It is supplied with its MSDS by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Pack size	100 gm
Grade	Analytical reagent
Safety documentation	Supplied with MSDS (Material Safety Data Sheet)
Shelf life	Depends on the chemical, its grade and storage conditions; ask us for the expiry date of the batch you are quoted
Name note	Confirm the intended compound (2,4-dinitrophenylhydrazine or 2,4-dinitrophenol) at the time of enquiry
Product code	SCL-742/116
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is 2,4-DNP Used For?

Where 2,4-DNP means 2,4-dinitrophenylhydrazine, it is used in the classic carbonyl test. The teacher first makes up a working reagent solution following the lab manual; students then add a few drops of the test compound, for example an aldehyde such as benzaldehyde or a ketone such as acetone, to a portion of that solution in a test tube. A yellow, orange or red precipitate shows that a carbonyl group is present, while alcohols and carboxylic acids do not give it. In college laboratories the precipitate can be filtered, recrystallised and its melting point used to help identify the original aldehyde or ketone.

Dry dinitro compounds can be sensitive to heat, friction and shock, so keep the container closed, away from flames and hot plates, and let only staff handle the solid. The reagent stains skin and clothing, so gloves and eye protection are sensible even for small-scale tests. Schools that buy from a single chemistry consumables supplier in India often order it with the test compounds and glassware listed below, so one delivery covers the whole practical.

Supplier

Jain Scientific Equipments Private Limited trades as ScienceLab from Ambala, Haryana, India, and supplies chemicals and reagents such as this one to schools, colleges and dealers in India and international markets. Name the exact compound you need so the quotation matches your practi on the S

Rela