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

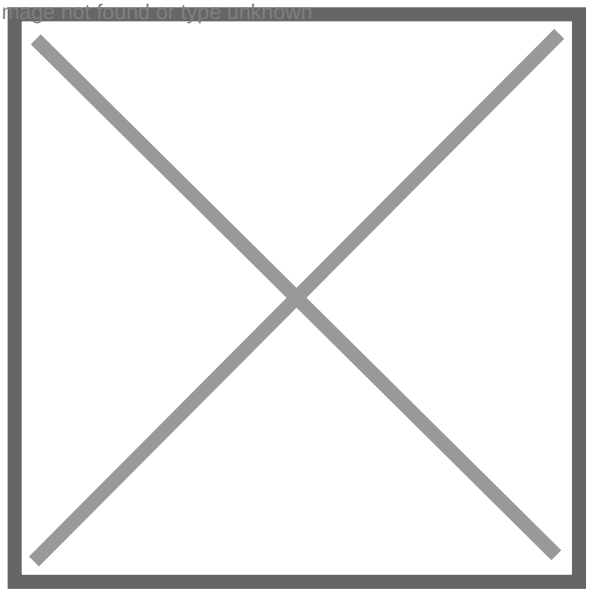
Product Name :

Dimethyl Glyoxime

Product Code :

SCL-828/158

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Science Lab

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Description :

Dimethyl Glyoxime (Product Code: SCL-828/158) is an organic complexing reagent, often shortened to DMG, used to confirm and estimate nickel in qualitative and gravimetric analysis in chemistry laboratories. It forms a striking red precipitate with nickel ions and is packed as 100 gm of analytical reagent with an MSDS for school, college and university practicals. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a chemistry consumables supplier in India.

Specifications

Parameter	Detail
Product code	SCL-828/158
Reagent	Dimethyl glyoxime (DMG)
Grade	Analytical reagent
Contents	100 gm
MSDS	Included
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.
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Dimethyl Glyoxime Used For?

In the scheme of cation analysis, nickel is confirmed by making the test solution alkaline with ammonium hydroxide and adding a few drops of DMG dissolved in alcohol. A bright rose-red to cherry-red precipitate appears if nickel is present, a result so distinctive that students rarely mistake it. A teacher preparing a school salt analysis kit therefore keeps a small bottle of the prepared solution in the Group IV reagent set, making it up from the solid as required.

At college level, the same reaction is used quantitatively: the red nickel complex is precipitated from a warm, buffered solution, filtered, washed, dried and weighed to find the nickel content of an alloy or salt. For both uses, weigh the solid carefully, dissolve it fully in alcohol before adding it to the sample, and store the dry reagent in a closed container on a cool, dry shelf.

Supplier

Jain Scientific Equipments Private Limited, which trades as ScienceLab from Ambala, Haryana, supplies Dimethyl Glyoxime as part of its analytical reagent range. It sources reagents for qualitative analysis and quotes them to schools, colleges, universities and dealers in India and international markets. Visit the company profile for more about the company.

Related Chemistry Lab Products

Materials that complete the nickel test and its gravimetric version: