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

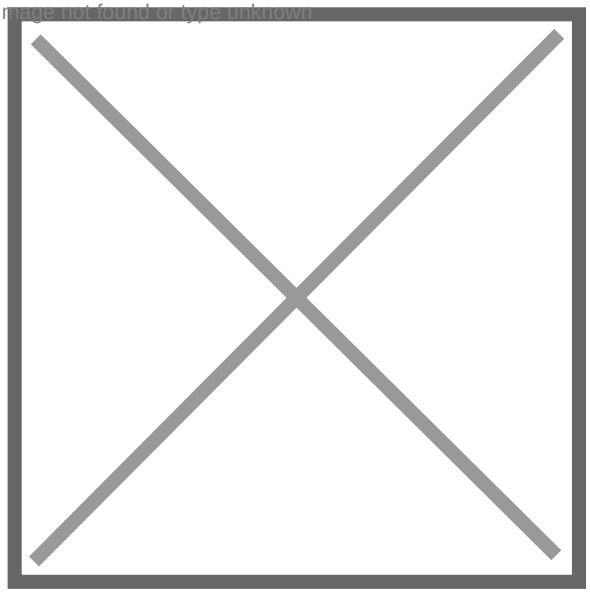
Product Name :

Glycerine (Glycerol) – 98%

Product Code :

SCL-484/137

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Description :

Glycerine (Glycerol) – 98% (Product Code: SCL-484/137) is a viscous polyol liquid used as the test fluid in falling-ball viscosity experiments and other school and college physics practicals. Teachers order the 500 ml bottle because its high viscosity and density of 1.26 g/cm³ slow a falling steel ball enough to time accurately. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, to laboratories that run viscosity measurement apparatus.

Specifications

Parameter	Detail
Purity	98% (as stated in the product name)
Volume	500 ml
Physical form	Liquid
Chemical formula	C3H8O3
Density	1.26 g/cm³
Boiling point	290 °C
Molar mass	92.09382 g/mol
Classification	Alcohol, polyol
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	SCL-484/137
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Glycerine Used For?

The main physics use is the Stokes' law experiment: a small steel ball is dropped into a tall column of glycerine, students time its fall between two marks once it reaches terminal velocity, and they calculate the coefficient of viscosity from the ball's radius, the fall speed and the densities of steel and glycerine. The liquid's high viscosity keeps the fall slow enough to time with a stop clock.

Teachers also use it to compare the viscosities of different liquids, as a dense liquid in density exercises, and as a lubricant when pushing glass tubing through rubber stoppers. Glycerine absorbs moisture from the air, which lowers its viscosity, so keep the bottle tightly capped and record the room temperature with each set of readings, because viscosity changes noticeably with temperature.

Supplier

Jain Scientific Equipments Private Limited, which trades as ScienceLab, sources Glycerine (Glyc…es leave…s, and c…ile expla…