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Product Name :

Reagent Bottle Narrow Mouth, Amber Glass

Product Code :

SLE/GBO/10



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Description :

Reagent Bottle Narrow Mouth, Amber Glass (Product Code: SLE/GBO/10) is a brown glass storage bottle with a narrow neck and a PE (polyethylene) stopper, offered in seven capacities from 30 ml to 2000 ml. The amber tint shields light-sensitive solutions such as potassium permanganate, silver nitrate and iodine from daylight and room lighting, helping them keep their strength between practicals. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**,an Ambala-based laboratory glassware manufacturer serving schools, colleges and testing laboratories.

Specifications

Parameter	Detail
Mouth	Narrow mouth
Stopper	PE (polyethylene) stopper
Material	Amber glass
Colour	Amber
Heat resistance	Heat resistant
Chemical resistance	Chemical resistant
Capacities	30 ml, 50 ml, 100 ml, 250 ml, 500 ml, 1000 ml, 2000 ml

Typical Use

Standard solutions used in volumetric analysis — potassium permanganate for redox titrations or silver nitrate for chloride determinations — are normally prepared in quantity and then stored in amber bottles until the titration is run. The 1000 ml and 2000 ml sizes hold this stock in the preparation room, the 250 ml and 500 ml sizes serve a bench or a burette-filling station, and the 30 ml, 50 ml and 100 ml bottles are handy for small amounts of expensive or rarely used reagents and for teacher demonstrations. Such bottles are a standard item of chemistry lab equipment in India, from senior secondary schools to university departments.

A polyethylene stopper does not bond to the neck the way a glass-to-glass joint sometimes can, which makes the bottle easy to open even after long storage. Check the compatibility of PE with strong oxidisers and organic solvents before storing them, and let hot solutions cool before the stopper is inserted. Keep the bottles in a closed cupboard, since amber glass reduces light exposure rather than blocking it entirely.

Manufacturer

Jain Scientific Equipments Private Limited, which operates under the ScienceLab name, manufactures this bottle in Ambala, Haryana. The company works with educational institutions, laboratories and distributors in India and international markets. Visit the company profile to learn more.

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