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Product Name :

Food Colouring Red

Product Code :

SLE/CH/202



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Description :

Food Colouring Red (Product Code: SLE/CH/202) is a red colouring liquid for classroom experiments where students need to watch a liquid spread, rise or separate into layers. It is notfor food use and is sold for educational purposes only. Biology and general science teachers relyon it for diffusion and plant transport practicals, and it is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, alongside school biology lab equipment in India.

Specifications

Parameter	Detail
Colour	Red
Capacity	500ml
Food use	Not for food use
Intended use	Educational purposes only

Typical Use

For a diffusion comparison, students add one drop of red colouring to a beaker of cold water and one to a beaker of warm water, then time how long each takes to spread evenly; the fasterspread in warm water links particle movement to temperature. In plant biology lessons, a leafystem or white flower stood in red-tinted water shows the route water takes up the stem, and a thin cross-section cut after a few hours reveals coloured vascular tissue. Red also helps in density work, where one of several salt or sugar solutions is tinted so that the layers stand out in a measuring cylinder.

Stir with a glass rod rather than shaking, so the colour mixes without trapping bubbles. Label every working solution clearly and keep the stock bottle away from food areas. A department buying from a lab consumables supplier in India can share one 500ml pack between several classes, because only small amounts are needed for each experiment.

Supplier

Food Colouring Red is a supplied consumable from Jain Scientific Equipments Private Limited, the Ambala, Haryana company behind the ScienceLab brand, which offers such teaching materials with its laboratory apparatus range. Our company profile has further details.

Related Laboratory Equipment

These items support the diffusion, plant transport and density experiments described above:

- Visualising Osmosis & Diffusion Investigation — a structured investigation that benefits from coloured solutions.
- Glass Measuring Cylinder — for building and viewing layered density columns.
- Stirring Rod, Glass — mixes the colouring evenly without contaminating it.
- Wash Bottle LDPE with Narrow Mouth — for rinsing glassware straight after use.
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