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

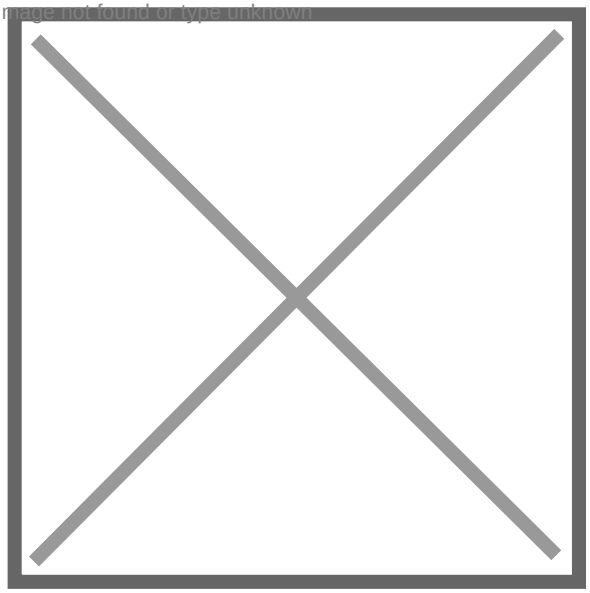
Product Name :

Sach's Water Culture Mineral Deficiency

Product Code :

SLE/EBT/23

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Description :

Sach's Water Culture Mineral Deficiency (Product Code: SLE/EBT/23) is a set of eight tubes of culture material used to grow plants in liquid media that each lack one mineral element, so students can compare deficiency symptoms against a complete-medium control in botany practicals. Each tube holds sufficient material to prepare four litres of liquid medium, which makes the set a ready plant growth experiment kit for senior school and college mineral-nutritionlessons. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Type	Water culture media set for mineral deficiency studies
Number of tubes	Eight
Quantity per tube	Sufficient material to prepare four litres of liquid medium
Deficiency media	One tube lacking each of phosphorus, nitrogen, calcium, potassium, magnesium, iron or sulphur
Control	One tube of complete medium
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	SLE/EBT/23
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

Contents of the set:

- Complete medium (control)
- Medium lacking phosphorus
- Medium lacking nitrogen
- Medium lacking calcium
- Medium lacking potassium
- Medium lacking magnesium
- Medium lacking iron
- Medium lacking sulphur

What Is the Sach's Water Culture Set Used For?

Each tube is dissolved in water to make its own culture solution, and the eight solutions are placed in separate, clearly labelled culture vessels. Seedlings of a fast-growing species are supported so that their roots hang in the solution, and the vessels are kept side by side under the same light and temperature. Over the following weeks students record height, leaf colour, leaf size and root growth, then compare each deficient plant with the complete-medium control. Typical observations include yellowing of older leaves where nitrogen is missing and pale young leaves where iron is missing.

For c…th, top u… pract… into share…