

## Electrolyte

### Conductor

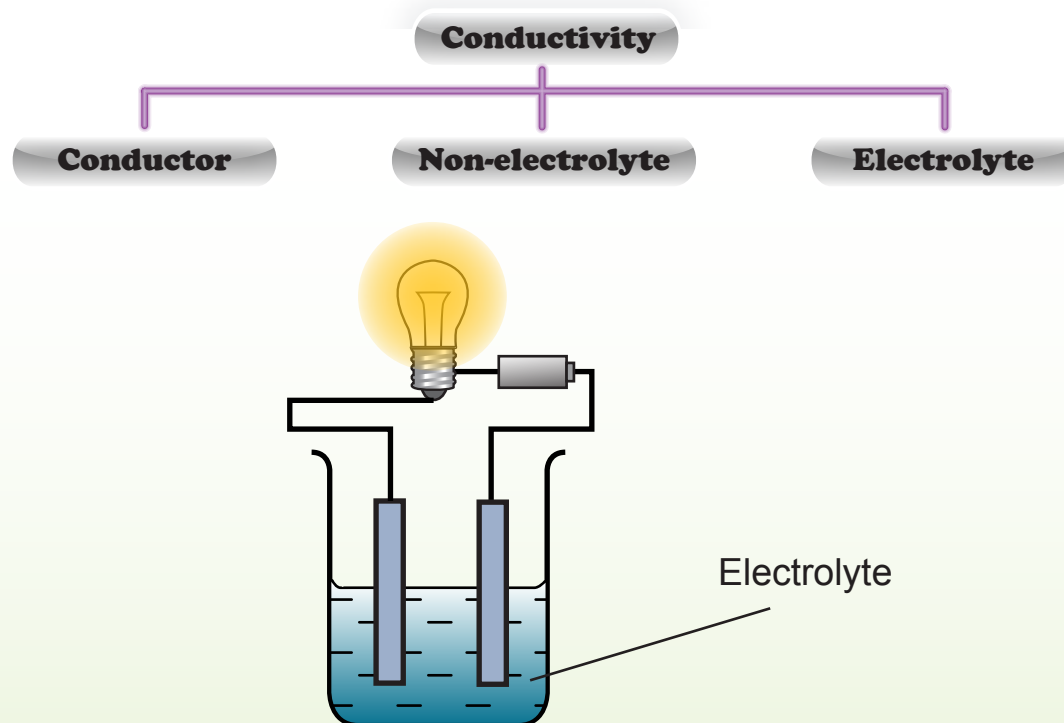
Conductors are materials that contain movable charges of electricity. It allow electric current to flow through it.

### Conductivity

Can conduct electric current in solid and liquid state.

### Example

Metal and Graphite



### Non-electrolyte

A non-electrolyte is a substance whose molecules in solution do not dissociate to ions and thus do not conduct electric current.

### Conductivity

Cannot conduct electricity in any condition.

### Example

Non-metal and Covalent compound (Except Acid)

### Electrolyte

An electrolyte is a substance that dissociates into free ions when dissolved (or molten), to produce an electrically conductive medium.

### Conductivity

Can conduct electricity when molten or in aqueous solution.  
Cannot conduct electricity when in solid state.

### Example

Acids, bases or ionic compound