



# JBL PO4 Phosphate Test sensitive

Quick test to determine the phosphate content

Suitable for:     



- Determination of the optimum phosphate value for ideal plant growth or of possible cause of algae in freshwater and marine water
- Laboratory comparator system to compensate the inherent water colouring: fill glass vials with sample water, add reagents to another vial, place vials in holder, read values on colour chart
- To use: when setting up a new freshwater aquarium: once a week. With algae problems and for checking tap water
- Online Laboratory: free analysis and recommendations for the water values you have measured
- Package contents: 1 quick test, Phosphate Test PO<sub>4</sub>. Contents for approx. 50 measurements. Incl. 2 reagents, 2 glass vials, with screw cap, syringe, dosing spoon, comparator block and colour scale. Refill reagents available separately



You may also be interested in

You can find a complete overview here: <https://www.jbl.de/qr/25408>



## JBL Testlab

Test case with 13 tests f. freshwater analysis Testlab



## JBL Testlab Marin

Professional test case for the analysis of saltwater



## JBL Testlab ProScope

Test case for water analysis in plant aquariums



## JBL Test Combi Set Pond

The most important water tests for garden ponds





# JBL PO4 Phosphate Test sensitive



Accessories



JBL component set for  
water tests



# JBL PO4 Phosphate Test sensitive



Spare parts



## JBL assortment Test Colour Charts

Colour charts for JBL water tests



## JBL Testlab empty + inserts



# JBL PO4 Phosphate Test sensitive



## Product information

Healthy aquarium/healthy pond with conditions close to nature

The right water values are dependent on the fish stock and the plants in the aquarium/pond. Even if the water looks clear it can be contaminated. With bad values diseases or algae can appear in the aquarium/pond. To maintain a healthy aquarium/pond with conditions close to nature it is important to check and adapt the water values regularly.

For each water analysis JBL provides water tests in the form of quick tests or colour change tests. These determine a certain value or several values in one go. With these water tests you can recognise algae problems and negative nitrate, nitrite, potassium, magnesium values etc.

### Why test?

In an aquarium, phosphate primarily enters the water as a result of the digestive processes of the fish or in the form of food remains. In ponds, phosphate primarily enters the water as a result of leaves and dying pond plants/algae. If conditions are unfavourable, the phosphate levels may reach values that are sometimes 100 times higher, and more, than natural levels. Undesirable algae will then multiply exponentially as an inevitable consequence.

### Recommended phosphate values:

Freshwater aquarium (community aquarium): 0-0.4 mg/l


Lake Malawi/Lake Tanganyika aquarium: 0-0.4 mg/l

Plant aquarium with few fish (aquascaping): 0.1-1.5 mg/l

Marine aquarium: 0-0.1 mg/l

Pond: <0.05 mg/l.

You can analyse your measured water values in the JBL Online Laboratory free of charge and receive recommendations.

| Further information   |                                                                                     |
|-----------------------|-------------------------------------------------------------------------------------|
| FAQ                   | ✓                                                                                   |
| Blog                  | ✓                                                                                   |
| Press                 | ✓                                                                                   |
| Laboratory/calculator | ✗                                                                                   |
| Worth reading         | ✓                                                                                   |
| Spare parts           | ✓                                                                                   |
| Video                 | ✗                                                                                   |
| GarantiePlus          | ✗                                                                                   |
| Instructions          | ✓                                                                                   |
| QR code               |  |



# JBL PO4 Phosphate Test sensitive



## Product details

| Article data             |                                                                                   |                                                                                   |
|--------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Product name             | JBL PO4 Phosphate sensitive Test Set                                              | JBL PO4 Phosphate sensitive Reagent                                               |
| Art. No.                 | 2540800                                                                           | 2540900                                                                           |
| EAN number               | 4014162254085                                                                     | 4014162254092                                                                     |
| EAN as barcode           |  |  |
| Content                  | 50 tests                                                                          | -                                                                                 |
| -                        | -                                                                                 | -                                                                                 |
| Expiry months            | 36                                                                                | 36                                                                                |
| RRP incl. VAT            | -                                                                                 | -                                                                                 |
| Base price               | -                                                                                 | -                                                                                 |
| Nominal filling quantity | -                                                                                 | -                                                                                 |
| Base quantity            | 1                                                                                 | 1                                                                                 |
| Gross weight             | 178 g                                                                             | 65 g                                                                              |
| Net weight               | 149 g                                                                             | 30 g                                                                              |
| Weight change            | 1000                                                                              | 1000                                                                              |

| Disposal                |                                      |                                     |
|-------------------------|--------------------------------------|-------------------------------------|
| Product name            | JBL PO4 Phosphate sensitive Test Set | JBL PO4 Phosphate sensitive Reagent |
| Art. No.                | 2540800                              | 2540900                             |
| Green dot               | ✓                                    | ✓                                   |
| Group electronic waste  | -                                    | -                                   |
| Disposal weight         | -                                    | -                                   |
| Battery type            | -                                    | -                                   |
| Battery return          | -                                    | -                                   |
| Battery rechargeable    | -                                    | -                                   |
| Disposal weight battery | -                                    | -                                   |
| Non-returnable glass    | -                                    | -                                   |
| PPK                     | 29 g                                 | 13 g                                |
| Plastic small           | -                                    | -                                   |
| Plastic large           | -                                    | -                                   |
| Disposal weight metal   | 0 g                                  | 0 g                                 |

| Features     |                                      |                                     |
|--------------|--------------------------------------|-------------------------------------|
| Product name | JBL PO4 Phosphate sensitive Test Set | JBL PO4 Phosphate sensitive Reagent |
| Art. No.     | 2540800                              | 2540900                             |



| Features             |                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Animal species       | Arowana, Axolotl, Barbels, Bettas, Bichirs/reedfish, Blowfish, Catfish, Cichlids (South America), Corals, Crayfish, Danions, Discus, Dwarf shrimps, Flowerhorn, Gobies, Goldfish, Gouramis, Guppy, Juvenile fish, Killifish, Livebearers, Loaches, Mussels, Panchaxes, Rainbowfish, Snails, Spiny eels, Terrapins, Tetra, Tropical terrapins, Veiltails, freshwater butterflyfish, turtle | Arowana, Axolotl, Barbels, Bettas, Bichirs/reedfish, Blowfish, Catfish, Cichlids (South America), Corals, Crayfish, Danions, Discus, Dwarf shrimps, Flowerhorn, Gobies, Goldfish, Gouramis, Guppy, Juvenile fish, Killifish, Livebearers, Loaches, Mussels, Panchaxes, Rainbowfish, Snails, Spiny eels, Terrapins, Tetra, Tropical terrapins, Veiltails, freshwater butterflyfish, turtle |
| Animal size          | For all animal sizes                                                                                                                                                                                                                                                                                                                                                                      | For all animal sizes                                                                                                                                                                                                                                                                                                                                                                      |
| Animal age group     | All aquarium fish                                                                                                                                                                                                                                                                                                                                                                         | All aquarium fish                                                                                                                                                                                                                                                                                                                                                                         |
| Volume of habitat    | 50 tests                                                                                                                                                                                                                                                                                                                                                                                  | 50 tests                                                                                                                                                                                                                                                                                                                                                                                  |
| Material             | Reagent 1: ascorbic acid, sodium chloride. Reagent 2: sulphuric acid, ammonium molybdate, purified water                                                                                                                                                                                                                                                                                  | Reagent 1: ascorbic acid, sodium chloride. Reagent 2: sulphuric acid, ammonium molybdate, purified water                                                                                                                                                                                                                                                                                  |
| Food type            | -                                                                                                                                                                                                                                                                                                                                                                                         | -                                                                                                                                                                                                                                                                                                                                                                                         |
| Colour               | white / transparent                                                                                                                                                                                                                                                                                                                                                                       | white / transparent                                                                                                                                                                                                                                                                                                                                                                       |
| Dosage               | Leave one small measuring spoon reagent 1 and 10 drops reagent 2 to stand for 10 minutes                                                                                                                                                                                                                                                                                                  | Leave one small measuring spoon reagent 1 and 10 drops reagent 2 to stand for 10 minutes                                                                                                                                                                                                                                                                                                  |
| Transport conditions | -                                                                                                                                                                                                                                                                                                                                                                                         | -                                                                                                                                                                                                                                                                                                                                                                                         |



# JBL PO4 Phosphate Test sensitive

| Electronic label / illuminant |                                      |                                     |
|-------------------------------|--------------------------------------|-------------------------------------|
| Product name                  | JBL PO4 Phosphate sensitive Test Set | JBL PO4 Phosphate sensitive Reagent |
| Art. No.                      | 2540800                              | 2540900                             |
| Ambient temperature           | -                                    | -                                   |
| Start time                    | -                                    | -                                   |
| Mercury                       | -                                    | -                                   |
| Tube length                   | -                                    | -                                   |
| Service life                  | -                                    | -                                   |
| Lumen                         | -                                    | -                                   |
| CRI value                     | -                                    | -                                   |
| Dimmable                      | -                                    | -                                   |
| Switching cycles              | -                                    | -                                   |
| PAR value                     | -                                    | -                                   |
| Energy efficiency class       | -                                    | -                                   |
| UV-A                          | -                                    | -                                   |
| UV-B                          | -                                    | -                                   |
| UV-C                          | -                                    | -                                   |
| Colour temperature            | -                                    | -                                   |
| Base designation              | -                                    | -                                   |

| Technical data                |                                      |                                     |
|-------------------------------|--------------------------------------|-------------------------------------|
| Product name                  | JBL PO4 Phosphate sensitive Test Set | JBL PO4 Phosphate sensitive Reagent |
| Art. No.                      | 2540800                              | 2540900                             |
| Range in litres               | -                                    | -                                   |
| Range from - to               | -                                    | -                                   |
| Range in days                 | -                                    | -                                   |
| Range tank length             | -                                    | -                                   |
| Output in watts               | -                                    | -                                   |
| Output per hour               | -                                    | -                                   |
| Output per day                | -                                    | -                                   |
| Height                        | -                                    | -                                   |
| Length                        | -                                    | -                                   |
| Width                         | -                                    | -                                   |
| Diameter                      | -                                    | -                                   |
| Voltage                       | -                                    | -                                   |
| For                           | -                                    | -                                   |
| T8 26mm (watt)                | -                                    | -                                   |
| T5 16mm (watt)                | -                                    | -                                   |
| Size                          | -                                    | -                                   |
| Content for                   | -                                    | -                                   |
| Filter container volume       | -                                    | -                                   |
| Volume filter media           | -                                    | -                                   |
| Hose connections pressure/out | -                                    | -                                   |
| Hose connections suction/in   | -                                    | -                                   |



| Technical data |   |   |
|----------------|---|---|
| Delivery head  | - | - |





# JBL PO4 Phosphate Test sensitive

|                  |                                                                                          |
|------------------|------------------------------------------------------------------------------------------|
| Food type        | -                                                                                        |
| Sub product type | -                                                                                        |
| Dosing           | Leave one small measuring spoon reagent 1 and 10 drops reagent 2 to stand for 10 minutes |





# JBL PO4 Phosphate Test sensitive



## Safety information

| - safety information in accordance with GHS |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Signal word                                 | Danger                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Hazard symbol                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Risk phrase                                 | H314: Causes severe skin burns and eye damage.                                                                                                                                                                                                                                                                                                                                                                                                 |
| safety note                                 | P101: If medical advice is needed, have product container or label at hand.<br>P102: Keep out of reach of children.<br>P103: Read label before use.<br>P280: Wear protective gloves/protective clothing/eye protection/face protection.<br>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P310a: Immediately call a POISON CENTER/doctor. |

| Further safety information |   |
|----------------------------|---|
| Safety instructions        | ✓ |
| QR code                    |   |



## Additional information for the specialist trade sector

| Article data         |                                      |                                     |
|----------------------|--------------------------------------|-------------------------------------|
| Product name         | JBL PO4 Phosphate sensitive Test Set | JBL PO4 Phosphate sensitive Reagent |
| Art. No.             | 2540800                              | 2540900                             |
| VAT                  | 19%                                  | 19%                                 |
| Sales unit (SU)      | 3                                    | 1                                   |
| Volume packaging     | 0.8l                                 | 0.45l                               |
| Dimensions (l/w/h)   | 43 mm/106 mm/175 mm                  | 30 mm/107 mm/140 mm                 |
| Layer                | 240                                  | 0                                   |
| Pallet               | 720                                  | 0                                   |
| Category of products | 1                                    | 1                                   |
| Customs tariff       | 38220000                             | 38220000                            |
| Country of origin    | DE                                   | DE                                  |
| Type of packaging    | Faltschachtel/Karton                 | Skin / blister card packaging       |

| PU 1 data        |                                      |                                     |
|------------------|--------------------------------------|-------------------------------------|
| Product name     | JBL PO4 Phosphate sensitive Test Set | JBL PO4 Phosphate sensitive Reagent |
| Art. No.         | 2540800                              | 2540900                             |
| PU 1 material    | film gr                              | cardboard gr                        |
| PU 1 weight      | 3.5 g                                | 660 g                               |
| PU 1 length      | 105 mm                               | 580 mm                              |
| PU 1 width/depth | 130 mm                               | 390 mm                              |
| PU 1 height      | 180 mm                               | 310 mm                              |

| PU 2 data        |                                      |                                     |
|------------------|--------------------------------------|-------------------------------------|
| Product name     | JBL PO4 Phosphate sensitive Test Set | JBL PO4 Phosphate sensitive Reagent |
| Art. No.         | 2540800                              | 2540900                             |
| PU 2 material    | cardboard gr                         | None                                |
| PU 2 weight      | 540 g                                | -                                   |
| PU 2 length      | 400 mm                               | -                                   |
| PU 2 width/depth | 400 mm                               | -                                   |
| PU 2 height      | 350 mm                               | -                                   |

| Trade data        |                                      |                                     |
|-------------------|--------------------------------------|-------------------------------------|
| Product name      | JBL PO4 Phosphate sensitive Test Set | JBL PO4 Phosphate sensitive Reagent |
| Art. No.          | 2540800                              | 2540900                             |
| Till receipt text | PO <sub>4</sub> Test sensi.          | PO <sub>4</sub> sensi. Re           |
| Shelf placement   | -                                    | -                                   |