



# 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 PO4. 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**



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## 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	-	-





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





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## 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. P102: Keep out of reach of children. P103: Read label before use. P280: Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. 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	-	-