



# JBL Cu Copper Test

Quick test to determine the copper content

Suitable for:



- Easy and reliable control of water values in aquariums/ponds. Determines the ideal copper value for the monitoring of heavy metals in the fresh and saltwater aquariums
- Laboratory comparator system to compensate any inherent water colouring: fill glass cuvette with sample water, add reagents to another cuvette, place cuvettes in holder, read values on colour chart
- When to use: for setting up a new aquarium: in case of invertebrates and fish deaths and when dosing copper-bearing medications
- Online Laboratory: free analysis and recommendations for the water values you have measured
- Package contents: 1 quick test, Copper test Cu. contents for approx. 50 measurements incl. 2 reagents, 2 glass vials with screw cap, syringe, 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/25404>



**JBL Testlab**  
Test case with 13 tests f. freshwater analysis Testlab



**JBL Testlab Marin**  
Professional test case for the analysis of saltwater





# JBL Cu Copper Test

 Accessories



JBL component set for  
water tests





# JBL Cu Copper Test

 Spare parts



**JBL assortment Test  
Colour Charts**  
Colour charts for JBL water  
tests



**JBL Testlab empty +  
inserts**



# JBL Cu Copper Test



## Product information

Healthy aquariums/ 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?

Copper is a heavy metal which, on the one hand, is essential as a trace element for plant and animal organisms. On the other hand, excessive concentrations can have a devastating effect as a cytotoxin. Copper usually enters the aquarium by means of heavy metals in tap water or by metal objects in the water. And it enters ponds via guttering made of copper alloys. Good water conditioners can bind the copper. But copper can also be useful to combat fish disease.


JBL Online Laboratory

Regular control for a healthy aquarium with conditions close to nature. Enter your water values into the JBL Online Laboratory and get a in-depth analysis of your values within seconds.

Recommended copper content:

In general copper should NOT be measurable in aquariums and ponds. Any measured copper content in freshwater and marine water could be deadly!

Only copper containing medications should contain a therapeutic dose of 0.3 mg/l and this needs to be set and then checked with the Cu test.

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





# JBL Cu Copper Test

## Product details

Article data		
Product name	JBL Cu Copper Test Set	JBL Cu Copper Reagent
Art. No.	2540400	2540500
EAN number	4014162254047	4014162254054
EAN as barcode		
Content	50 tests	-
-	-	-
Expiry months	36	36
RRP incl. VAT	-	-
Base price	-	-
Nominal filling quantity	-	-
Base quantity	1	1
Gross weight	95 g	46 g
Net weight	66 g	20 g
Weight change	1000	1000

Disposal		
Product name	JBL Cu Copper Test Set	JBL Cu Copper Reagent
Art. No.	2540400	2540500
Green dot	✓	✓
Group electronic waste	-	-
Disposal weight	-	-
Battery type	-	-
Battery return	-	-
Battery rechargeable	-	-
Disposal weight battery	-	-
Non-returnable glass	-	-
PPK	29 g	7 g
Plastic small	6 g	-
Plastic large	-	-
Disposal weight metal	0 g	0 g

Features		
Product name	JBL Cu Copper Test Set	JBL Cu Copper Reagent
Art. No.	2540400	2540500
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





Features		
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: butanedioic acid ammonium salt, diammonium decaborate, purified water. Reagent 2: ethyl alcohol, bis (cyclohexanone) oxaldihydrazone, purified water	Reagent 1: butanedioic acid ammonium salt, diammonium decaborate, purified water. Reagent 2: ethyl alcohol, bis (cyclohexanone) oxaldihydrazone, purified water
Food type	-	-
Colour	transparent	transparent
Dosage	One level measuring spoon (about 20 g) raises the carbonate hardness of 100 l water by about 3.2 °dKH	One level measuring spoon (about 20 g) raises the carbonate hardness of 100 l water by about 3.2 °dKH
Transport conditions	-	-



# JBL Cu Copper Test

Electronic label / illuminant		
Product name	JBL Cu Copper Test Set	JBL Cu Copper Reagent
Art. No.	2540400	2540500
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 Cu Copper Test Set	JBL Cu Copper Reagent
Art. No.	2540400	2540500
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	-	-
Delivery head	-	-





# JBL Cu Copper Test

Food type	-
Sub product type	-
Dosing	One level measuring spoon (about 20 g) raises the carbonate hardness of 100 l water by about 3.2 °dKH







# JBL Cu Copper Test



## Safety information

- safety information in accordance with GHS	
Signal word	Warning
Hazard symbol	
Risk phrase	H226: Flammable liquid and vapour.
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. P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P280: Wear protective gloves/protective clothing/eye protection/face protection. P233: Keep container tightly closed. P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P403+P235: Store in a well-ventilated place. Keep cool.

Further safety information	
Safety instructions	✓
QR code	





## Additional information for the specialist trade sector

Article data		
Product name	JBL Cu Copper Test Set	JBL Cu Copper Reagent
Art. No.	2540400	2540500
VAT	21%	21%
Sales unit (SU)	3	1
Volume packaging	0.8l	0.45l
Dimensions (l/w/h)	43 mm/105 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 Cu Copper Test Set	JBL Cu Copper Reagent
Art. No.	2540400	2540500
PU 1 material	film gr	cardboard gr
PU 1 weight	3.5 g	660 g
PU 1 length	105 mm	365 mm
PU 1 width/depth	130 mm	390 mm
PU 1 height	180 mm	310 mm

PU 2 data		
Product name	JBL Cu Copper Test Set	JBL Cu Copper Reagent
Art. No.	2540400	2540500
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 Cu Copper Test Set	JBL Cu Copper Reagent
Art. No.	2540400	2540500
Till receipt text	Cu Test	Cu Re
Shelf placement	-	-