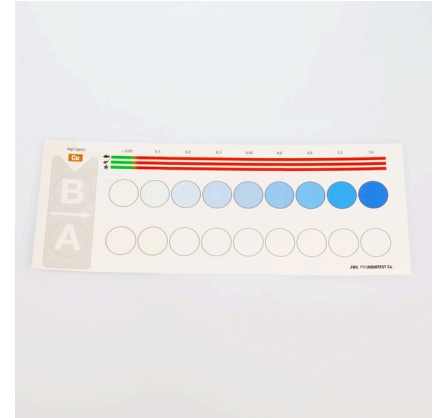




# JBL PROAQUATEST Cu Copper

Quick test to determine the copper content

Suitable for:



- Simple and reliable monitoring of the water values in aquariums/ponds. Determines the ideal copper value and monitors heavy metals in fresh and marine water
- Laboratory comparator system to compensate the inherent water colour: fill plastic cuvette with sample water, add reagents to one cuvette, place cuvettes in holder, read values off colour chart
- Use: daily in newly set up aquariums, later in cases of invertebrate and fish deaths and when dosing copper-bearing medications
- You will find detailed information and troubleshooting tips about water analysis on the JBL website in Essentials/Aquarium or Pond
- Package contents: 1 copper (Cu) quick test for approx. 50 measurements, incl. 2 reagents, 2 glass vials with screw caps, syringe, comparator block and colour scale. Reagent refill separately available



# JBL PROAQUATEST Cu Copper

 Spare parts



JBL component set for water tests



JBL PROAQUATEST range colour charts





# JBL PROAQUATEST Cu Copper



## 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?


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.

Recommended copper content:

In general copper should NOT be measurable in aquariums and ponds.

Any copper content measured in freshwater and marine water could be deadly for invertebrates!

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 PROAQUATEST Cu Copper



## Product details

Article data		
Product name	JBL PROAQUATEST Cu Copper	JBL PROAQUATEST Cu REFILL
Art. No.	2411400	2411500
EAN number	4014162241146	4014162241153
EAN as barcode		
For	50 Tests	Refill
-	-	-
Expiry months	36	36
RRP incl. VAT	22,30 €	11,11 €
Base price	-	-
Nominal filling quantity	-	-
Base quantity	1	1
Gross weight	144.5 g	48.5 g
Net weight	97 g	21 g
Weight change	-	-

Disposal		
Product name	JBL PROAQUATEST Cu Copper	JBL PROAQUATEST Cu REFILL
Art. No.	2411400	2411500
Green dot	✓	✓
Group electronic waste	-	-
Disposal weight	-	-
Battery type	-	-
Battery return	-	-
Battery rechargeable	-	-
Disposal weight battery	-	-
Non-returnable glass	-	-
PPK	27 g	7.5 g
Plastic small	20 g	20 g
Plastic large	-	-
Disposal weight metal	0 g	0 g

Features		
Product name	JBL PROAQUATEST Cu Copper	JBL PROAQUATEST Cu REFILL
Art. No.	2411400	2411500





Features		
Animal species	Armored catfish, Arowana, Axolotl, Barbels, Bettas, Bichirs/ reedfish, Blowfish, Catfish, Cichlids (South America), Clawed frogs, Clawed shrimps, Corals, Crayfish, Crustaceans, Danions, Discus, Dwarf crayfish, Dwarf shrimps, Flowerhorn, Gill maggots, Gobies, Goldfish, Gouramis, Guppy, Juvenile fish, Killifish, Livebearers, Loaches, Mussels, Newts, Panchaxes, Rainbowfish, Snails, Spiny eels, Terrapins, Tetra, Tropical terrapins, Veiltails, blood parrot cichlids, freshwater butterflyfish, turtle	Armored catfish, Arowana, Axolotl, Barbels, Bettas, Bichirs/ reedfish, Blowfish, Catfish, Cichlids (South America), Clawed frogs, Clawed shrimps, Corals, Crayfish, Crustaceans, Danions, Discus, Dwarf crayfish, Dwarf shrimps, Flowerhorn, Gill maggots, Gobies, Goldfish, Gouramis, Guppy, Juvenile fish, Killifish, Livebearers, Loaches, Mussels, Newts, Panchaxes, Rainbowfish, Snails, Spiny eels, Terrapins, Tetra, Tropical terrapins, Veiltails, blood parrot cichlids, 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	-	-
Material	Reagent(s) in plastic bottle(s) and/ or glass bottle(s) + plastic and/or glass accessories. REFILL: reagent (s) without accessories.	Reagent(s) in plastic bottle(s) and/ or glass bottle(s) + plastic and/or glass accessories. REFILL: reagent (s) without accessories.
Food type	-	-
Colour	white / transparent / black	white / transparent / black
Dosage	See instructions	See instructions
Transport conditions	-	-





# JBL PROAQUATEST Cu Copper

Electronic label / illuminant		
Product name	JBL PROAQUATEST Cu Copper	JBL PROAQUATEST Cu REFILL
Art. No.	2411400	2411500
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 PROAQUATEST Cu Copper	JBL PROAQUATEST Cu REFILL
Art. No.	2411400	2411500
Range in litres	-	-
Range from - to	-	-
Range in days	-	-
Range tank length	-	-
Output in watts	-	-
Output per hour	-	-
Output per day	-	-
Height	175 mm	64 mm
Length	106 mm	48 mm
Width	43 mm	24 mm
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 PROAQUATEST Cu Copper



Food type	-
Sub product type	-
Dosing	See instructions








# JBL PROAQUATEST Cu Copper

## Safety information

JBL Cu 1 - safety information in accordance with GHS	
Signal word	Warning
Hazard symbol	 
Risk phrase	H226: Flammable liquid and vapour. H319: Causes serious eye irritation.
safety note	P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P501a: Dispose of contents/container in accordance with local regulations.

JBL Cu 2 - safety information in accordance with GHS	
Signal word	Warning
Hazard symbol	 
Risk phrase	H226: Flammable liquid and vapour. H319: Causes serious eye irritation.
safety note	P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P501a: Dispose of contents/container in accordance with local regulations.

Further safety information	
Safety instructions	✓
QR code	







## Additional information for the specialist trade sector

Article data		
Product name	JBL PROAQUATEST Cu Copper	JBL PROAQUATEST Cu REFILL
Art. No.	2411400	2411500
VAT	19%	19%
Sales unit (SU)	3	1
Volume packaging	0.8l	0.57l
Dimensions (l/w/h)	43 mm/106 mm/175 mm	30 mm/110 mm/175 mm
Layer	240	800
Pallet	720	2400
Category of products	1	1
Customs tariff	38221100	38221100
Country of origin	DE	DE
Type of packaging	Faltschachtel/Karton	Skin / blister card packaging

PU 1 data		
Product name	JBL PROAQUATEST Cu Copper	JBL PROAQUATEST Cu REFILL
Art. No.	2411400	2411500
PU 1 material	film gr	cardboard gr
PU 1 weight	3.5 g	660 g
PU 1 length	6 mm	580 mm
PU 1 width/depth	130 mm	390 mm
PU 1 height	180 mm	310 mm

PU 2 data		
Product name	JBL PROAQUATEST Cu Copper	JBL PROAQUATEST Cu REFILL
Art. No.	2411400	2411500
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 PROAQUATEST Cu Copper	JBL PROAQUATEST Cu REFILL
Art. No.	2411400	2411500
Till receipt text	Test Cu	Refill Cu
Shelf placement	Test shelf, water treatment troubleshooting	Test shelf, water treatment troubleshooting