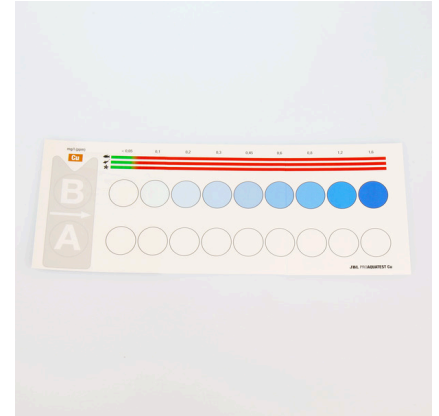




JBL PROAQUATEST Cu Copper

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 |