



JBL PROAQUATEST GH General hardness

Quick test to determine the general hardness

Suitable for:



- Simple and reliable monitoring of the water values in aquariums/ponds. Determines the ideal general hardness in freshwater aquariums and ponds
- Colour change test: fill plastic cuvette with sample water, add reagent drop by drop until colour changes from red to green. Number of drops = level of general hardness
- When to use: daily in the first week in newly set up aquariums, afterwards once a week
- You will find detailed information and troubleshooting tips about water analysis on the JBL website in Essentials/Aquarium or Pond
- Package contents: 1 GH quick test, incl. one reagent and plastic cuvette. Reagent refill separately available

You may also be interested in

You can find a complete overview here: <https://www.jbl.de/qr/24108>



JBL PROSCAN
Water test with analysis via smartphone



JBL PROAQUATEST LAB
Test case with 13 water tests for freshwater analysis



JBL PROAQUATEST COMBISET POND
Test case for water analyses in koi and garden ponds



JBL PROAQUATEST LAB Koi
Professional test case for koi and garden ponds





JBL PROAQUATEST GH General hardness



Spare parts



JBL component set for
water tests





JBL PROAQUATEST GH General hardness

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?

Depending on origin and consistency of the subsoil, water may contain varying quantities of alkaline earth salts, usually in the form of calcium and magnesium salts. General hardness, by definition, is the sum of calcium and magnesium ions. Most fish and plants thrive well at a general hardness of between roughly 8 and 20°dH. Excessive total hardness values, should, however, be counteracted by the appropriate measures.

JBL Online Laboratory

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

Recommended general hardness values:

Freshwater aquarium (community aquarium): 8-25 °dGH

Lake Malawi/Lake Tanganyika aquarium: 5-20 °dGH

Plant aquarium with few fish (aquascaping): 3-10 °dGH

Marine aquarium: not measurable with GH test because GH too high. Please test calcium and magnesium separately Pond: 6-20 °dGH

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





JBL PROAQUATEST GH General hardness



Product details

| Article data | | |
|--------------------------|-------------------------------------|---------------------------|
| Product name | JBL PROAQUATEST GH General hardness | JBL PROAQUATEST GH REFILL |
| Art. No. | 2410817 | 2410919 |
| EAN number | 4014162056870 | 4014162069047 |
| EAN as barcode | | |
| For | Set | Refill |
| - | - | - |
| Expiry months | 24 | 24 |
| RRP incl. VAT | 12,34 € | 6,75 € |
| Base price | - | - |
| Nominal filling quantity | - | - |
| Base quantity | 1 | 1 |
| Gross weight | 88,5 g | 28 g |
| Net weight | 51 g | 10 g |
| Weight change | - | - |

| Disposal | | |
|-------------------------|-------------------------------------|---------------------------|
| Product name | JBL PROAQUATEST GH General hardness | JBL PROAQUATEST GH REFILL |
| Art. No. | 2410817 | 2410919 |
| 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 | 10 g | 10 g |
| Plastic large | - | - |
| Disposal weight metal | 0 g | 0 g |

| Features | | |
|--------------|-------------------------------------|---------------------------|
| Product name | JBL PROAQUATEST GH General hardness | JBL PROAQUATEST GH REFILL |
| Art. No. | 2410817 | 2410919 |





| Features | | |
|----------------------|--|--|
| Animal species | Armored catfish, Arowana, Axolotl, Barbels, Bettas, Bichirs/ reedfish, Blowfish, Catfish, Cichlids (South America), Clawed frogs, Clawed shrimps, Crayfish, Crustaceans, Danions, Discus, Dwarf crayfish, Dwarf shrimps, Flowerhorn, Gill maggots, 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, Crayfish, Crustaceans, Danions, Discus, Dwarf crayfish, Dwarf shrimps, Flowerhorn, Gill maggots, 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 GH General hardness

| Electronic label / illuminant | | |
|-------------------------------|-------------------------------------|---------------------------|
| Product name | JBL PROAQUATEST GH General hardness | JBL PROAQUATEST GH REFILL |
| Art. No. | 2410817 | 2410919 |
| 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 GH General hardness | JBL PROAQUATEST GH REFILL |
| Art. No. | 2410817 | 2410919 |
| 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 | 24 mm |
| Width | 43 mm | 24 mm |
| Diameter | - | 24 mm |
| 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 PROAQUATEST GH General hardness



| | |
|------------------|------------------|
| Food type | - |
| Sub product type | - |
| Dosing | See instructions |

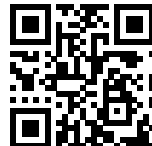




JBL PROAQUATEST GH General hardness

Safety information

| JBL GH - safety information in accordance with GHS | |
|--|---|
| Signal word | Warning |
| Hazard symbol |   |
| Risk phrase | H226: Flammable liquid and vapour. H315: Causes skin irritation. 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. P210e: Keep away from flames and hot surfaces. No smoking. P241: Use explosion-proof [electrical/ventilating/lighting] equipment. 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 GH General hardness | JBL PROAQUATEST GH REFILL |
| Art. No. | 2410817 | 2410919 |
| 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 GH General hardness | JBL PROAQUATEST GH REFILL |
| Art. No. | 2410817 | 2410919 |
| PU 1 material | film gr | cardboard gr |
| PU 1 weight | 3.5 g | 660 g |
| PU 1 length | 106 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 GH General hardness | JBL PROAQUATEST GH REFILL |
| Art. No. | 2410817 | 2410919 |
| 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 GH General hardness | JBL PROAQUATEST GH REFILL |
| Art. No. | 2410817 | 2410919 |
| Till receipt text | Test KH | Refill GH |
| Shelf placement | Test shelf, water treatment troubleshooting | Test shelf, water treatment troubleshooting |