





JBL PROAQUATEST Mg Magnesium Fresh water

Quick test to determine the magnesium content

Suitable for:  



- For perfect aquarium plant growth: determines the ideal magnesium value to monitor the fertilisation of freshwater aquariums
- Laboratory comparator system to compensate the inherent water colour: fill glass vials with sample water, add reagents to one vial, place vials in holder, read values off colour chart
- Magnesium deficiency in aquatic plants leads to stagnant growth and light leaf colour. Remedy: Increase magnesium-containing fertiliser: JBL Ferropol, JBL ProScape Mg Macroelements
- You will find detailed information and troubleshooting tips about water analysis on the JBL website in Essentials/Aquarium or Pond
- Package contents: 1 Mg test kit for approx. 60 measurements, incl. 3 reagents, 2 glass vials with screw caps, syringe, comparator block and colour scale. Reagent refill separately available



You may also be interested in

You can find a complete overview here: <https://www.jbl.de/qr/24142>



JBL PROAQUATEST LAB PROSCAPE

Test case for water analysis in
plant aquariums



JBL PROAQUATEST Mg Magnesium Fresh water

 Spare parts



JBL component set for
water tests



JBL PROAQUATEST
range colour charts



JBL PROAQUATEST Mg Magnesium Fresh water



Product information

Healthy aquariums with conditions close to nature

The right water values are dependent on the fish stock and the plants in the aquarium. Even if the water looks clear it can be contaminated. With bad values diseases or algae can appear in the aquarium. To maintain a healthy aquarium 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 rapid 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?

Along with calcium, magnesium creates the general hardness. Magnesium is, like potassium, a macro-element, which is necessary for healthy and vigorous growth in plants. Tap water very often contains too low quantities of magnesium for aquatic plants, quickly causing deficiency symptoms. Even if you fertilise the aquarium water regularly, there may still be too low quantities of magnesium available and the plant growth will then stagnate.

Recommended magnesium values:


Freshwater aquarium (community aquarium): 5-10 mg/l

Lake Malawi/Lake Tanganyika aquarium: 5-10 mg/l

Plant aquarium with few fish (aquascaping): 5-10 mg/l

Marine water aquarium: this test is not suitable since the magnesium content in marine water lies at 1200-1600 mg/l. Therefore for marine water use the dedicated JBL Magnesium/Calcium Test.

You can analyse the water values you have measured 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 PROAQUATEST Mg Magnesium Fresh water



Product details

| Article data | | |
|--------------------------|--|--------------------------------------|
| Product name | JBL PROAQUATEST Mg Magnesium Fresh water | JBL PROAQUATEST Mg freshwater REFILL |
| Art. No. | 2414200 | 2414300 |
| EAN number | 4014162241429 | 4014162241436 |
| EAN as barcode | | |
| For | 60 Tests | Refill |
| - | - | - |
| Expiry months | 48 | 48 |
| RRP incl. VAT | 26,68 € | 15,59 € |
| Base price | - | - |
| Nominal filling quantity | - | - |
| Base quantity | 1 | 1 |
| Gross weight | 165 g | 69 g |
| Net weight | 108 g | 31 g |
| Weight change | - | - |

| Disposal | | |
|-------------------------|--|--------------------------------------|
| Product name | JBL PROAQUATEST Mg Magnesium Fresh water | JBL PROAQUATEST Mg freshwater REFILL |
| Art. No. | 2414200 | 2414300 |
| 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 | 30 g | 30 g |
| Plastic large | - | - |
| Disposal weight metal | 0 g | 0 g |

| Features | | |
|--------------|--|--------------------------------------|
| Product name | JBL PROAQUATEST Mg Magnesium Fresh water | JBL PROAQUATEST Mg freshwater REFILL |
| Art. No. | 2414200 | 2414300 |



| 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, Tetra, Veiltails, blood parrot cichlids, freshwater butterflyfish | 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, Tetra, Veiltails, blood parrot cichlids, freshwater butterflyfish |
| 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 Mg Magnesium Fresh water

| Electronic label / illuminant | | |
|-------------------------------|--|--------------------------------------|
| Product name | JBL PROAQUATEST Mg Magnesium Fresh water | JBL PROAQUATEST Mg freshwater REFILL |
| Art. No. | 2414200 | 2414300 |
| 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 Mg Magnesium Fresh water | JBL PROAQUATEST Mg freshwater REFILL |
| Art. No. | 2414200 | 2414300 |
| 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 | 105 mm | 72 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 | - | - |



| Technical data | | |
|-----------------------------|---|---|
| Hose connections suction/in | - | - |
| Delivery head | - | - |



JBL PROAQUATEST Mg Magnesium Fresh water


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







JBL PROAQUATEST Mg Magnesium Fresh water

Safety information

| JBL Mg Fresh water 1 - 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. 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. |
| Hazard-determining component | 1310-73-2: sodium hydroxide |

| JBL Mg Fresh water 2 - safety information in accordance with GHS | |
|--|---|
| Signal word | Danger |
| Hazard symbol |  |
| Risk phrase | H314: Causes severe skin burns and eye damage. H318: Causes serious eye damage. |
| 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. |
| Hazard-determining component | 1310-73-2: sodium hydroxide |

| Further safety information | |
|----------------------------|--|
| Safety instructions | ✓ |
| QR code |  |



Additional information for the specialist trade sector

| Article data | | |
|----------------------|---|---|
| Product name | JBL PROAQUATEST Mg Magnesium Fresh water | JBL PROAQUATEST Mg freshwater REFILL |
| Art. No. | 2414200 | 2414300 |
| 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 Mg Magnesium Fresh water | JBL PROAQUATEST Mg freshwater REFILL |
| Art. No. | 2414200 | 2414300 |
| 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 Mg Magnesium Fresh water | JBL PROAQUATEST Mg freshwater REFILL |
| Art. No. | 2414200 | 2414300 |
| 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 | 300 mm | - |

| Trade data | | |
|-------------------|---|---|
| Product name | JBL PROAQUATEST Mg Magnesium Fresh water | JBL PROAQUATEST Mg freshwater REFILL |
| Art. No. | 2414200 | 2414300 |
| Till receipt text | Test Mg FreshWa | Refill Mg Fresh |
| Shelf placement | Test shelf, water treatment troubleshooting, ProScape fertilisers | Test shelf, water treatment troubleshooting, ProScape fertilisers |