




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