



# JBL PROAQUATEST Mg-Ca Magnesium-Calcium

Quick test to determine magnesium/calcium

Suitable for:



- Simple and reliable monitoring of the aquarium water values. Determines the ideal magnesium and calcium value for vigorous and healthy growth in corals and calciferous red algae
- Easy to use: first carry out the calcium test, then the magnesium test; subtract the result of the calcium test from the result of the magnesium test – the result gives you the magnesium content
- Reach: the number of measurements depends on the level of the calcium and magnesium content
- You will find detailed information and troubleshooting tips about water analysis on the JBL website in Essentials/Aquarium or Pond
- Package contents: 1 test kit Mg and 1 test kit Ca, incl. 5 reagents, 2 plastic cuvettes, syringe and dosing spoon. Reagent refill separately available



You may also be interested in

You can find a complete overview here: <https://www.jbl.de/qr/24136>



## JBL PROAQUATEST Ca Calcium

Quick test to determine the calcium content



## JBL PROAQUATEST LAB Marin

Professional test case for marine water analysis



## JBL PROAQUATEST COMBISET Marin

Test case for water analyses in marine aquariums



## JBL PROAQUATEST Mg-Ca Magnesium-Calcium



Accessories



### JBL PROAQUATEST Ca Calcium

Quick test to determine the  
calcium content



### JBL PROAQUATEST Mg- Ca Magnesium-Calcium

Quick test to determine  
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## JBL PROAQUATEST Mg-Ca Magnesium-Calcium



Spare parts



JBL component set for  
water tests



JBL PROAQUATEST  
range colour charts



# JBL PROAQUATEST Mg-Ca Magnesium-Calcium



## Product information

Healthy aquariums with conditions close to nature

The right water values are dependent on the fish stock, any algae present and the corals. 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.

Why test?

Along with calcium, magnesium creates the general hardness. Magnesium is, like potassium, a macroelement, which is necessary for the healthy and vigorous growth of corals. Too low calcium and magnesium levels affect coral growth and prevent beautiful calciferous red algae from growing.

Recommended calcium values:

Marine water aquarium: 1200-1600 mg/l


You can analyse the water values you have measured in the JBL Online Laboratory free of charge and receive recommendations.

In recent years we had observed that our magnesium test with the factor 100 was showing too little magnesium. On expeditions to the "original marine water," however, we were still able to measure the correct values, and this indicated that the low measurements were due to the artificially prepared marine water.

After that we carried out extensive tests with the various salt mixtures available on the market from various suppliers. The difference to original marine water came from the recently used magnesium salts and trace elements in the sea salt mixture, which caused a deviation of about 20-30%.

After our tests we modified the instructions in order to increase the multiplication factor from 100 to 120 in order to adapt it to the sea salt mixtures currently on sale.

As a result we can once again carry out precise measurements on artificial sea salts by using factor 120. With natural marine water we still use factor 100.



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



# JBL PROAQUATEST Mg-Ca Magnesium-Calcium



## Product details

Article data		
Product name	JBL PROAQUATEST Mg-Ca Magnesium-Calcium	JBL PROAQUATEST Mg REFILL
Art. No.	2413600	2413700
EAN number	4014162241368	4014162241375
EAN as barcode		
For	Set	Refill
-	-	-
Expiry months	36	36
RRP incl. VAT	35,94 €	10,58 €
Base price	-	-
Nominal filling quantity	-	-
Base quantity	1	1
Gross weight	155 g	48.5 g
Net weight	88 g	21 g
Weight change	-	-

Disposal		
Product name	JBL PROAQUATEST Mg-Ca Magnesium-Calcium	JBL PROAQUATEST Mg REFILL
Art. No.	2413600	2413700
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	40 g	20 g
Plastic large	-	-
Disposal weight metal	0 g	0 g

Features		
Product name	JBL PROAQUATEST Mg-Ca Magnesium-Calcium	JBL PROAQUATEST Mg REFILL
Art. No.	2413600	2413700
Animal species	Corals, Gobies, Snails	Corals, Gobies, Snails
Animal size	For all animal sizes	For all animal sizes
Animal age group	All aquarium fish	All aquarium fish
Volume of habitat	-	-



Features		
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-Ca Magnesium-Calcium

Electronic label / illuminant		
Product name	JBL PROAQUATEST Mg-Ca Magnesium-Calcium	JBL PROAQUATEST Mg REFILL
Art. No.	2413600	2413700
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-Ca Magnesium-Calcium	JBL PROAQUATEST Mg REFILL
Art. No.	2413600	2413700
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	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	-	-



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





## JBL PROAQUATEST Mg-Ca Magnesium-Calcium





Food type	-
Sub product type	-
Dosing	See instructions







# JBL PROAQUATEST Mg-Ca Magnesium-Calcium

## Safety information

JBL Mg 1 - safety information in accordance with GHS	
Signal word	Danger
Hazard symbol	   
Risk phrase	H226: Flammable liquid and vapour. H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H318: Causes serious eye damage. H335: May cause respiratory irritation. H373: May cause damage to organs through prolonged or repeated exposure. H412: Harmful to aquatic life with long lasting effects.
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	1310-58-3: potassium hydroxide 1310-73-2: sodium hydroxide 1336-21-6: ammonia 60-00-4: edetic acid

JBL Mg 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. H373: May cause damage to organs through prolonged or repeated exposure.
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 60-00-4: edetic acid

**JBL PROAQUATEST Ca Calcium**

JBL Ca 1 - safety information in accordance with GHS	
Signal word	Danger
Hazard symbol	
Risk phrase	H302: Harmful if swallowed. 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. P501a: Dispose of contents/container in accordance with local regulations.
Hazard-determining component	1310-58-3: potassium hydroxide 1310-73-2: sodium hydroxide

JBL Ca 3 - 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-Ca Magnesium-Calcium	JBL PROAQUATEST Mg REFILL
Art. No.	2413600	2413700
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-Ca Magnesium-Calcium	JBL PROAQUATEST Mg REFILL
Art. No.	2413600	2413700
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-Ca Magnesium-Calcium	JBL PROAQUATEST Mg REFILL
Art. No.	2413600	2413700
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 Mg-Ca Magnesium-Calcium	JBL PROAQUATEST Mg REFILL
Art. No.	2413600	2413700
Till receipt text	Test Mg/Ca	Refill Mg
Shelf placement	Test shelf, water treatment troubleshooting, marine water products	Test shelf, water treatment troubleshooting, marine water products