



# JBL PROAQUATEST COMBISET Marin

Test case for water analyses in marine aquariums

Suitable for:



- 6 Water tests to simply and accurately determine the most important water values in marine water, especially designed for fish aquariums
- Easy to use: add colour indicator and compare on colour chart, or count drops until colour changes
- Contains test for carbonate hardness, pH value, ammonium/ammonia, nitrite, nitrate and phosphate
- Childproof reagent bottles, waterproof plastic case, refill reagents separately available
- Contains: waterproof plastic case, 11 reagents, comparator block, 3 cuvettes, syringe, measuring spoons, colour charts, report sheets and instructions



You may also be interested in

You can find a complete overview here: <https://www.jbl.de/qr/24081>



## JBL PROAQUATEST LAB Marin

Professional test case for  
marine water analysis



# JBL PROAQUATEST COMBISET Marin



Spare parts



JBL component set for  
water tests



JBL PROAQUATEST  
range colour charts



# JBL PROAQUATEST COMBISET Marin



## Product information

Don't guess - measure:

Get a regular update on whether all the important water values in your marine aquarium are OK or whether there is a need for action to correct values that are developing in the wrong direction. If problems arise (sick fish, invertebrates not growing, algae problems) water analyses are really the only way to get to the bottom of it! Once the tests have helped you find the underlying cause, you can start to correct it.

The following tests are included in the test set:

pH test: acidity of the water from 7.4 to 9.0

KH test: pH stability of water (carbonate hardness)

PO<sub>4</sub> test: determination of the phosphate content (reason for algae growth and plant nutrient)

Test NH<sub>4</sub> / NH<sub>3</sub>: indication of non-toxic ammonium, determination of toxic ammonia using table

NO<sub>2</sub> test: determination of nitrogen compound nitrite toxic for fish

NO<sub>3</sub>-Test: determination of the nitrate content (reason for algae growth)

The following tests are available as supplements:

pH test: acidity of the water from 3.0 to 10

pH test: acidity of the water from 6.0 to 7.6

O<sub>2</sub> test: determination of the oxygen content


Cu Test: heavy metal deadly for invertebrates. Also important for adjusting the therapeutic dose of medications

SiO<sub>2</sub> test: determination of the silicates (silicic acid) as cause for diatoms

Ca test: determination of the calcium content in marine aquariums. Needs to be between 400 and 440 mg/l for healthy coral growth

Mg/Ca test: determination of magnesium and calcium content in marine water aquariums. The magnesium content needs to be between 1200 and 1600 mg/l. During the procedure, first the Mg content is tested and then the Ca content. Subsequently, the value of the Ca content is subtracted from the Mg content and this is then the actual Mg content of the water.

Almost all test reagents are available as environmentally friendly refill packs!

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



# JBL PROAQUATEST COMBISET Marin



## Product details

Article data	
Product name	JBL PROAQUATEST COMBISET Marin
Art. No.	2408117
EAN number	4014162057051
EAN as barcode	
Content	6 tests
-	-
Expiry months	24
RRP incl. VAT	63,36 €
Base price	-
Nominal filling quantity	-
Base quantity	1
Gross weight	642 g
Net weight	524 g
Weight change	-

Disposal	
Product name	JBL PROAQUATEST COMBISET Marin
Art. No.	2408117
Green dot	✓
Group electronic waste	-
Disposal weight	-
Battery type	-
Battery return	-
Battery rechargeable	-
Disposal weight battery	-
Non-returnable glass	28 g
PPK	-
Plastic small	90 g
Plastic large	-
Disposal weight metal	0 g

Features	
Product name	JBL PROAQUATEST COMBISET Marin
Art. No.	2408117
Animal species	Corals, Gobies, Snails
Animal size	For all animal sizes
Animal age group	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.
Food type	-
Colour	white / transparent / black
Dosage	See instructions
Transport conditions	-





# JBL PROAQUATEST COMBISET Marin

Electronic label / illuminant	
Product name	JBL PROAQUATEST COMBISET Marin
Art. No.	2408117
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 COMBISET Marin
Art. No.	2408117
Range in litres	-
Range from - to	-
Range in days	-
Range tank length	-
Output in watts	-
Output per hour	-
Output per day	-
Height	318 mm
Length	382 mm
Width	85 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	-



Technical data	
Delivery head	-



# JBL PROAQUATEST COMBISET Marin

Food type	-
Sub product type	-
Dosing	See instructions












# JBL PROAQUATEST COMBISET Marin



## Safety information



JBL ProAquaTest Combi Set Marin - safety information in accordance with GHS	
Signal word	Danger
Hazard symbol	    
Risk phrase	EUH031: Contact with acids liberates toxic gas. H225: Highly flammable liquid and vapour. H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H335: May cause respiratory irritation. H341: Suspected of causing genetic defects. H400: Very toxic to aquatic life. H411: Toxic 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. P103: Read carefully and follow all instructions. 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	121-57-3: sulphanilic acid 1310-73-2: sodium hydroxide 541-69-5: m-phenylenediamine dihydrochloride 64-19-7: Acetic acid 67-63-0: propan-2-ol 7647-01-0/1: hydrogen chloride 7664-93-9: sulphuric acid 7681-52-9/1: sodium hypochlorite, solution

## JBL PROAQUATEST pH 7.4-9.0





JBL pH 7.4-9.0 - 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 PROAQUATEST KH Carbonate hardness

JBL KH - safety information in accordance with GHS	
Signal word	Danger
Hazard symbol	 
Risk phrase	H226: Flammable liquid and vapour. 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.



## JBL PROAQUATEST NH4 Ammonium

JBL NH4 1 - safety information in accordance with GHS	
Signal word	Danger
Hazard symbol	   
Risk phrase	EUH031: Contact with acids liberates toxic gas. H225: Highly flammable liquid and vapour. H314: Causes severe skin burns and eye damage. H336: May cause drowsiness or dizziness. H400: Very toxic to aquatic life. H411: Toxic 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	1310-73-2: sodium hydroxide 67-63-0: propan-2-ol 7681-52-9/1: sodium hypochlorite, solution



JBL NH4 2 - safety information in accordance with GHS	
Signal word	Danger
Hazard symbol	 





JBL NH4 2 - safety information in accordance with GHS	
Risk phrase	EUH031: Contact with acids liberates toxic gas. H314: Causes severe skin burns and eye damage. H318: Causes serious eye damage. H400: Very toxic to aquatic life. H411: Toxic 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	1310-73-2: sodium hydroxide 7681-52-9/1: sodium hypochlorite, solution

JBL NH4 3 - safety information in accordance with GHS	
Signal word	Danger
Hazard symbol	 
Risk phrase	H225: Highly flammable liquid and vapour. H315: Causes skin irritation. H319: Causes serious eye irritation. H336: May cause drowsiness or dizziness.
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	67-63-0: propan-2-ol





## JBL PROAQUATEST NO2 Nitrite




JBL NO2 1 - safety information in accordance with GHS	
Signal word	Danger
Hazard symbol	 
Risk phrase	H226: Flammable liquid and vapour. 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	64-19-7: Acetic acid



JBL NO2 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.

## JBL PROAQUATEST NO3 Nitrate



JBL NO3 1 - safety information in accordance with GHS	
Signal word	Danger
Hazard symbol	   
Risk phrase	H314: Causes severe skin burns and eye damage. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H341: Suspected of causing genetic defects. H411: Toxic 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	121-57-3: sulphanilic acid 541-69-5: m-phenylenediamine dihydrochloride 7647-01-0/1: hydrogen chloride



JBL NO3 2 - safety information in accordance with GHS	
Signal word	Danger
Hazard symbol	  
Risk phrase	H314: Causes severe skin burns and eye damage. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H341: Suspected of causing genetic defects. H412: Harmful to aquatic life with long lasting effects.




JBL NO3 2 - safety information in accordance with GHS	
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	541-69-5: m-phenylenediamine dihydrochloride 7647-01-0/1: hydrogen chloride

## JBL PROAQUATEST PO4 Phosphate Sensitive

JBL PO4 Sensitive 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. H335: May cause respiratory 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.
Hazard-determining component	7647-01-0/1: hydrogen chloride 7664-93-9: sulphuric acid

JBL PO4 Sensitive 2 - 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. H335: May cause respiratory 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.
Hazard-determining component	7647-01-0/1: hydrogen chloride



Further safety information	
Safety instructions	✓
QR code	





## Additional information for the specialist trade sector

Article data	
Product name	JBL PROAQUATEST COMBISET Marin
Art. No.	2408117
VAT	19%
Sales unit (SU)	1
Volume packaging	3.13l
Dimensions (l/w/h)	52 mm/266 mm/226 mm
Layer	120
Pallet	360
Category of products	1
Customs tariff	38221100
Country of origin	DE
Type of packaging	case

PU 1 data	
Product name	JBL PROAQUATEST COMBISET Marin
Art. No.	2408117
PU 1 material	cardboard gr
PU 1 weight	500 g
PU 1 length	540 mm
PU 1 width/depth	260 mm
PU 1 height	470 mm

PU 2 data	
Product name	JBL PROAQUATEST COMBISET Marin
Art. No.	2408117
PU 2 material	None
PU 2 weight	-
PU 2 length	-
PU 2 width/depth	-
PU 2 height	-

Trade data	
Product name	JBL PROAQUATEST COMBISET Marin
Art. No.	2408117
Till receipt text	Test Combi Mari
Shelf placement	Test shelf, water treatment troubleshooting, marine water products