



# JBL PROAQUATEST COMBISET Plus NH4

Test case with most important water tests + NH4 test

Suitable for:



- Monitors the water values in aquariums simply and reliably. Determines: pH value, carbonate hardness, nitrite, nitrate and ammonium/ammonia, as well as CO2 calculation using the table
- Easy to use: add aquarium water to cuvette with syringe, add indicator and compare colour on colour scale, or count drops until colour changes in KH test
- Comparator system takes the inherent water colouring into account. CO2-content is determined by pH value and KH value using the table
- Childproof reagent bottles, waterproof plastic case, refill reagents separately available
- Package contents: 1 test case for aquariums, 9 reagents, 3 glass vials, syringe, measuring spoon, comparator block, colour charts, report sheets, operating instructions

You may also be interested in

You can find a complete overview here: <https://www.jbl.de/qr/24090>



## JBL PROSCAN

Water test with analysis via smartphone





# JBL PROAQUATEST COMBISET Plus NH4

 Spare parts



JBL component set for water tests



JBL PROAQUATEST range colour charts



# JBL PROAQUATEST COMBISET Plus NH4

## 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. Bad values can cause diseases or algae in the aquarium. To maintain a healthy aquarium with conditions close to nature it is important to check and adapt the water values regularly. With JBL water tests you can determine all relevant water values quickly, easily and very precisely.

The following tests are included in the set:

pH test: acidity of the water from 3.0 to 10

To determine the CO<sub>2</sub> content, it is sufficient to measure the pH and KH. These two values determine the CO<sub>2</sub> content of the water, which can then be found in the enclosed table.

KH test: pH stability of the water (carbonate hardness)

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

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

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

The following tests are available as supplements:

pH test: acidity of the water from 6.0 to 7.6

pH test: acidity of the water from 7.4 to 9.0

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

CO<sub>2</sub> Direct test: determination of the current carbon dioxide content for thriving plant growth

Fe test: determination of the iron content to monitor the fertilisation

GH test: determination of general hardness

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

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

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

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 COMBISET Plus NH4



## Product details

Article data	
Product name	JBL PROAQUATEST COMBISET Plus NH4
Art. No.	2409000
EAN number	4014162240903
EAN as barcode	
Content	6 tests
-	-
Expiry months	24
RRP incl. VAT	63,07 €
Base price	-
Nominal filling quantity	-
Base quantity	1
Gross weight	618 g
Net weight	524 g
Weight change	-

Disposal	
Product name	JBL PROAQUATEST COMBISET Plus NH4
Art. No.	2409000
Green dot	✓
Group electronic waste	-
Disposal weight	-
Battery type	-
Battery return	-
Battery rechargeable	-
Disposal weight battery	-
Non-returnable glass	14 g
PPK	-
Plastic small	80 g
Plastic large	-
Disposal weight metal	0 g

Features	
Product name	JBL PROAQUATEST COMBISET Plus NH4
Art. No.	2409000





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, Veiltails, blood parrot cichlids, freshwater butterflyfish, turtle
Animal size	For all animal sizes
Animal age group	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.
Food type	-
Colour	white / transparent / black
Dosage	See instructions
Transport conditions	-



# JBL PROAQUATEST COMBISET Plus NH4

Electronic label / illuminant	
Product name	JBL PROAQUATEST COMBISET Plus NH4
Art. No.	2409000
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 Plus NH4
Art. No.	2409000
Range in litres	-
Range from - to	-
Range in days	-
Range tank length	-
Output in watts	-
Output per hour	-
Output per day	-
Height	226 mm
Length	260 mm
Width	52 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 Plus NH4

Food type	-
Sub product type	-
Dosing	See instructions







# JBL PROAQUATEST COMBISET Plus NH4

## Safety information

JBL ProAquaTest Combi Set Plus NH4 - safety information in accordance with GHS	
Signal word	Danger
Hazard symbol	
Risk phrase	<p>EUH031: Contact with acids liberates toxic gas.                      H225: Highly flammable liquid and vapour.                      H314: Causes severe skin burns and eye damage.                      H317: May cause an allergic skin reaction.                      H318: Causes serious eye damage.                      H336: May cause drowsiness or dizziness.                      H341: Suspected of causing genetic defects.                      H400: Very toxic to aquatic life.                      H411: Toxic to aquatic life with long lasting effects.</p>
safety note	<p>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.</p>
Hazard-determining component	<p>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                      7681-52-9/1: sodium hypochlorite, solution</p>



## JBL PROAQUATEST pH 3.10-10.0

JBL pH 3-10 - safety information in accordance with GHS	
Signal word	Warning
Hazard symbol	
Risk phrase	<p>H226: Flammable liquid and vapour.                      H319: Causes serious eye irritation.</p>
safety note	<p>P101: If medical advice is needed, have product container or label at hand.                      P102: Keep out of reach of children.                      P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.                      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.</p>











## 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

Further safety information	
Safety instructions	✓
QR code	





 Additional information for the specialist trade sector

Article data	
Product name	JBL PROAQUATEST COMBISET Plus NH4
Art. No.	2409000
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 Plus NH4
Art. No.	2409000
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 Plus NH4
Art. No.	2409000
PU 2 material	None
PU 2 weight	-
PU 2 length	-
PU 2 width/depth	-
PU 2 height	-

Trade data	
Product name	JBL PROAQUATEST COMBISET Plus NH4
Art. No.	2409000
Till receipt text	Test Combi NH4
Shelf placement	Test shelf, water treatment troubleshooting