



# JBL PROAQUATEST NH4 Ammonium

Quick test to determine the ammonium/ammonia content

Suitable for:



- Simple and reliable monitoring of ammonium (NH<sub>4</sub>) and ammonia (NH<sub>3</sub>) in aquariums/ponds. Checks the biological balance (bacterial activity) in freshwater and marine water
- 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 and table
- Use: when setting up a new freshwater aquarium: once a day. Initial setup with marine water: once a week. For use in case of fish diseases or fish deaths.
- You will find detailed information and troubleshooting tips about water analysis on the JBL website in Essentials/Aquarium or Pond
- Package contents: 1 quick test, ammonium test NH<sub>4</sub> for approx. 50 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/24121>



## JBL PROAQUATEST COMBISET Plus NH<sub>4</sub>

Test case with most important water tests + NH<sub>4</sub> test



## JBL PROAQUATEST LAB

Test case with 13 water tests for freshwater analysis



## 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 NH4 Ammonium

 Spare parts



JBL component set for  
water tests



JBL PROAQUATEST  
range colour charts



# JBL PROAQUATEST NH4 Ammonium



## Product information

Healthy aquarium/healthy pond with conditions close to nature

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

The degradation or mineralisation process of all organic substances in the aquarium and pond follows these stages: proteins > ammonium > nitrite > nitrate. By measuring these stages conclusions can be drawn about the "functioning" of the systems aquarium and pond. If the ammonium or nitrite level is too high it can lead to disturbances of the bacterial balance. Ammonium is not usually measurable in a well-kept aquarium with an effective biological filter or in a properly set up garden pond. Ammonium is an important plant nutrient and normally non-toxic for fish. But depending on the pH value, ammonia, which is toxic for fish, can be formed from the ammonium ion.

### Recommended ammonium values:

Freshwater aquarium (community aquarium): < 0.25 mg/l


Lake Malawi/Lake Tanganyika aquarium: < 0.25 mg/l

Plant aquarium with few fish (aquascaping): < 0.25 mg/l

Marine aquarium: 0-0.25 mg/l

Pond: <0.1 mg/l

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 NH4 Ammonium



## Product details

Article data		
Product name	JBL PROAQUATEST NH4 Ammonium	JBL PROAQUATEST NH4 REFILL
Art. No.	2412100	2412200
EAN number	4014162241214	4014162241221
EAN as barcode		
For	50 Tests	Refill
-	-	-
Expiry months	24	24
RRP incl. VAT	22,66 €	12,96 €
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 NH4 Ammonium	JBL PROAQUATEST NH4 REFILL
Art. No.	2412100	2412200
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 NH4 Ammonium	JBL PROAQUATEST NH4 REFILL
Art. No.	2412100	2412200



Features		
Animal species	Armored catfish, Arowana, Axolotl, Barbels, Bettas, Bichirs/ reedfish, Blowfish, Catfish, Cichlids (South America), Clawed frogs, Clawed shrimps, Corals, Crayfish, Crustaceans, Danions, Discus, Dwarf crayfish, Dwarf shrimps, Flowerhorn, Gobies, Goldfish, Gouramis, Guppy, Juvenile fish, Killifish, Livebearers, Loaches, Mussels, Newts, Panchaxes, Rainbowfish, Snails, Spiny eels, Terrapins, Tetra, Tropical terrapins, Veiltails, blood parrot cichlids, freshwater butterflyfish, turtle	Armored catfish, Arowana, Axolotl, Barbels, Bettas, Bichirs/ reedfish, Blowfish, Catfish, Cichlids (South America), Clawed frogs, Clawed shrimps, Corals, Crayfish, Crustaceans, Danions, Discus, Dwarf crayfish, Dwarf shrimps, Flowerhorn, Gobies, Goldfish, Gouramis, Guppy, Juvenile fish, Killifish, Livebearers, Loaches, Mussels, Newts, Panchaxes, Rainbowfish, Snails, Spiny eels, Terrapins, Tetra, Tropical terrapins, Veiltails, blood parrot cichlids, freshwater butterflyfish, turtle
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 NH4 Ammonium

Electronic label / illuminant		
Product name	JBL PROAQUATEST NH4 Ammonium	JBL PROAQUATEST NH4 REFILL
Art. No.	2412100	2412200
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 NH4 Ammonium	JBL PROAQUATEST NH4 REFILL
Art. No.	2412100	2412200
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	106 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	-	-
Hose connections suction/in	-	-



Technical data		
Delivery head	-	-



# JBL PROAQUATEST NH4 Ammonium

Food type	-
Sub product type	-
Dosing	See instructions





# JBL PROAQUATEST NH4 Ammonium






## Safety information

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	
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

Further safety information	
Safety instructions	✓
QR code	



## Additional information for the specialist trade sector

Article data		
Product name	JBL PROAQUATEST NH4 Ammonium	JBL PROAQUATEST NH4 REFILL
Art. No.	2412100	2412200
VAT	25%	25%
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 NH4 Ammonium	JBL PROAQUATEST NH4 REFILL
Art. No.	2412100	2412200
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 NH4 Ammonium	JBL PROAQUATEST NH4 REFILL
Art. No.	2412100	2412200
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 NH4 Ammonium	JBL PROAQUATEST NH4 REFILL
Art. No.	2412100	2412200
Till receipt text	Test NH4	Refill NH4
Shelf placement	Test shelf, water treatment troubleshooting	Test shelf, water treatment troubleshooting