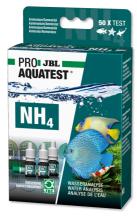




Quick test to determine the ammonium/ammonia content









- Simple and reliable monitoring of ammonium (NH4) and ammonia (NH3) 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 NH4 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/gr/24121





JBL PROAQUATEST **COMBISET Plus NH4** 

Test case with most important water tests + NH4 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



01.01.2024 Date: Produced by:











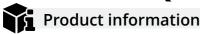
JBL component set for water tests

JBL PROAQUATEST range colour charts









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.

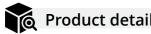
Further information	
FAQ	<b>✓</b>
Blog	<b>✓</b>
Press	<b>✓</b>
Laboratory/calculator	×
Worth reading	<b>✓</b>
Spare parts	<b>✓</b>
Video	<b>✓</b>
GarantiePlus	×
Instructions	<b>✓</b>
QR code	







# 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	21,57 €	12,34 €
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



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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	-	-







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	-	-



Date: 01.01.2024 Produced by:







Technical data		
Delivery head	-	-









Food type	-
Sub product type	-
Dosing	See instructions



Date: 01.01.2024 Produced by:









#### **A** 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	



01.01.2024 Produced by:







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	<b>✓</b>	
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	19%	19%	
Sales unit (SU)	3	1	
Volume packaging	0.8I	0.571	
Dimensions (I/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 lengh	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 lengh	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	



01.01.2024 Date: Produced by:

Country: Singapore Language: English