

CLEAN





Biogent-N

Universal Flush- and Cleaning Concentrate for analyzer systems neutral, free of electrolytes and enzymes

Charakteristics

Biogent-N is a fluid, neutral flush- and cleaning concentrate for electrolyt free (also phosphate free) and enzyme free flushing between analysis and cleaning.

Use for: Analyzer systems and photometer, automatic dilutors and dispensers, sample divider stations, tube systems, volume and valve units, flow cuvettes, exhaust cuvettes, rotor cuvettes, and so on.

Biogent-N is used particulary in clinical-chemical and analytic-chemical laboratories for photometers and analyzer systems as system solution and particulary wherever other flush and cleaning solutions can affect/adulterate the analysis values.

A lot of analysis problems (such as changed kinetics, higher or lower analysis values) ar the cause of unsuitable cleaning solutions, which could not rinse adequate out of the analyzer systems.

Biogent-N solves your flush and cleaning problem!

Attributes

Reaction passive, no interferences with clinical-chemical analysis parameters known! For testing we recommend to solve a lyophilized control serum or dilute a calibrating standard with diluted about 5 % Biogent-N. Dilute only with fresh distilled water - if applicable respect diluting factor. Analyze wit this prepared all required parameters.

- Electrolyte free = without Na, K, Ca, P, Mg, Mn, Fe, Cl, Cu, Li ...
- Rinse off with distilled water up to 100 %.
- · High tolerance with various materials.
- · Does not affront burned-in markings on glass equipment.
- · Non-toxic, not waste water-polluting, biodegradable.
- Absolutly free of solvents.
- · Contains no silicone products.
- · Foaming (contains cleaning active detergents).
- · Free of unsolved solids no clogging of tubing systems.

Stabilized and mold inhibited.

Manufacturing only with analytical grade substances guaranteed. Biogent-N contains no salts or substances which can crystallize of and therfore demage your system.

Chemical and physical data

Solubility:	.In water soluble.
pH-value:	.neutral, pH = ~6.80 (concentrate)
	neutral, $pH = ~7.00$ (10 % solution)
Color/odor:	.colorless and odorless
Foaming:	.Yes, contains detergents

Risks and safety

Please observe the necessary precautions for use of laboratory reagents and if applicable body fluids and microbiological samples. Applications should be performed by expert personnel only. Follow the national and laboratory internal guidelines for work safety and infection control. Wear suitable protective clothing and disposable gloves while handling. It is important to ensure effective protection against infection according to laboratory guidelines.





For additional safety information please refer to the information on the label and the corresponding Safety Data Sheet (SDS).

The safety settings were made according to legal guidelines. If there are differences in the labeling or the safety information between the label and SDS, the details of the SDS are valid. Download by QR-Code or link:

www.sds-id.com/100187-8

Procedure

Please refer also to the cleaning instructions of analyzer operating manual. Use Biogent-N in dependence of contamination as concentrate or in dilution (1...100% in dependence of impact time). Please include in calculation also the automatic dilution factor of the analyzer or diluting system. Rinse system adequate with distilled water.

For use as system solution we recommend a dilution of 5...20% in fresh distilled or demineralized (particle free filtered!) water.

General

It is recommended not to dry out cuvettes, cuvette rotors, flow cuvettes, and tubing systems, because dry out executes often to insolvable sediments in not absolute clean systems. Fill up the system over night or over weekends with about 10 ... 20 % iger Biogent-N solution. Prevent against dry out through suitably measures. Before next analysis rinse adequate with distilled water. Refer also to analyzer instruction manual and analyzer cleaning procedure instructions.

Flow systems, tubing systems, dilutors/dispensers

Rinde and fill the system after work and finalizing cleaning procedure with BIOGENT-A resp. BIOGENT-S complete with BIOGENT-NEE (10...20% solution). Before next analysis flush adequate with distilled water.

Pipette systems (automats)

Fill Biogent-N into a reagent vial. Adjust/program pipette volume to the greatest possible volume. Start run to fill the cuvette system. Before next analysis flush adequate with distilled water.

Cuvettes and cuvette rotors

Fill cuvettes full to the brim if possible. Before next analysis flush adequate with distilled water...

Produktinformation

Biogent-N

Notes

All herein proposed possible uses are noncommittal recommendations, based on our experiences. Please refer to the analyzers instruction manuals. For prevent foam in the liquid waste bottles of analyzers across cleaning agents of all types also across detergent contained reagents and proteins, we recommend the use of anti-foaming-solutions (on request).

This product information exclusively relates to the reagent described in this leaflet. In particular, this product information cannot be applied to similar reagents from other manufacturers.

Periodically check for updates of this product information on our website.

Instruction for Use

For professional use only.

To avoid errors, the use of qualified personnel is carried out. National guidelines for work safety and quality assurance must be followed.

The used equipment must comply with the state of technology and the laboratory requirements.

Protection against Infection

It is important to ensure effective protection against infection according to laboratory guidelines.

Laboratory personnel working with human samples should be vaccinated against Hepatitis B (HBV).

Symbols and Graphic Indicia

List of symbols and graphic labels see at section safety in the download area of our website.

Support / Information service

For methodological and technical support, please contact us by eMail at support@bioanalytic.de or by fax (German, English).

Periodically check for updates of this product information on our website.

Waste Management

Please observe your national laws and regulations.

Used and expired solutions must be disposed of in accordance with your local regulations. Inside the EU, national regulations apply that are based on the current, amended version of Council Directive 67/548/EEG on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances. Decontaminated packaging can disposed of as household waste or recycled, unless otherwise specified.

Ordering informations

002751-1010	Biogent-A	
	Cleaning concnetrate for analyzer systems - alkaline; 1.0I PE (Polyethylene) bottle.	
002752-1010	Biogent-N Flush and cleaning concentrate for analyzer systems - neutral, free of electrolytes and enzymes. 1.0I PE (Polyethylene) bottle.	
002753-1010	Biogent-S Cleaning concentrate for analyzer systems - acidly; 1.0I PE (Polyethylene) bottle.	
002754-6001	Biogent-EC Enzymatic-catalytic operating cleaning solution for protein removal of blood, serum/plasma, comestibles or other protein containing liquids. 5x 100 mL (Pack).	
002754-0500	Biogent-EC Enzymatic-catalytic operating cleaning solution for protein removal of blood, serum/plasma, comestibles or other protein containing liquids. 500 mL (Pack).	
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If there is a requirement of other filling packages, don't hesitate to contact us. Sodium hypochlorite solutions are availabe in many laboratory usual concentrations. Analyzer and laboratory cleaning solutions and for stabilizers for waterbath/chillers as well as other products find on our web sites www.bioanalytic.de.