Product Information

Category:	Aqua dest.
Production characteristic:	In addition to the usual manufacturing process, we also use the ion exchange process.
Application:	Battery water, for ironing, cleaning streak-free windows, radiator water, windshield washer, steam cleaner, hobby and camping, aquaristics, water features, etc. **Not suitable for injections, infusions and eye drops and for the production of food and beverages dietary supplements.**

characteristic	**specification**	**unit**
When filling		
Appearance	colorless liquid	---
Odor	without smell	---
Conductance	<4,3 measured at 20°C	µS/cm
Total organic carbon	Must of the alternative examination according to Ph.Eur. correspond	---
Nitrate	< 0,2	ppm
Density	1	g / cm^2
Boiling point	100	°C
Freezing point	0	°C

Forms of delivery	720 x 1 l Bottle
	144 x 5 l Canister; 72 boxed, 72 loose
	144 x 5 l 3 Pieces / carton Canister
	96 x 5 l Canister
	108 x 5 l Canister
	60 – 80 x 10 l Canister
	IBC rental container 1000 Liter

Product picture:

All information applies to bottling!

The laboratory analysis was carried out by Dr. Blasy-Dr. Busse GmbH, through the control center in Bavaria certified, accredited by DakkS according to DIN EN ISO/IEC 17025 (D-PL-14289-01-00).

This result report has been reviewed and approved. It meets the requirements of DIN EN ISO/IEC 17025 to simplified results reports and is valid without a signature.

Results of the examination of the aqua dest

Extended examination according to TrinwV

Parameter	Unit	TrinwV	measuring values	Limit of quanti-tation	Method
On-site measurements					
Coloring			colorless		DIN EN ISO 7877:2012-04 procedure A
Odor			without		DEV B 1 / 2:1971
Turbidity			clear		DIN EN ISO 7027:2000-04
Physico-chemical parameters					
Water temperature (on site)	°C		16,0		DIN 38404-4:1976-12
pH-value		6,50 – 9,50	5,72	0	DIN EN ISO 10523:2012
Conductivity 20°C	µS/cm	2500	1,0	1	DIN EN 27888:1993-11
Conductivity 25°C	µS/cm	2790	1,1	1	DIN EN 27888:1993-11
Measurements in the laboratory					
Cations					
Calcium (Ca)	mg/l		< 0,5	0,5	DIN EN ISO 17294-2:2017-01
Magnesium (Mg)	mg/l		< 0,5	0,5	DIN EN ISO 17294-2:2017-01
Anionen					
Chloride (Cl)	mg/l	250	< 1	1	DIN ISO 15923-1:2014-07
Silica (SiO2)	mg/l		< 0,5	0,5	DIN EN ISO 17294-2:2017-01
Nitrate (NO3)	mg/l	50	< 1,0	1	DIN ISO 15923-1:2014-07
Calculated values					
Total hardness	°dH		<0,3	0,3	DIN 38409-6 : 1986-01
Total hardness (as calcium carbonate)	mmol/l		0,05	0,05	DIN 38409-6 : 1986-01
Total hardness (total alkaline earths)	mmol/l		<0,25	0,25	DIN 38409-6 : 1986-01
Hardness range			soft		WRMG : 2013-07
Inorganic components					
Phosphate, ges. (PO4)	mg/l	6,7	<0,05	0,05	DIN ISO 15923-1:2014-07
Iron (Fe)	mg/l	0,20	< 0,025	0,005	DIN EN ISO 17294-2:2017-01
Aluminum (Al)	mg/l	0,20	< 0,02	0,2	DIN EN ISO 17294-2:2017-01
Manganese (Mn)	mg/l	0,05	< 0,005	0,005	DIN EN ISO 17294-2:2017-01
Bismuth (Bi)	mg/l		< 0,005	0,005	DIN EN ISO 17294-2:2017-01
Zinc (Zn)	mg/l		< 0,05	0,05	DIN EN ISO 17294-2:2017-01
Antimony (Sb)	mg/l	0,005	< 0,0005	0,0005	DIN EN ISO 17294-2:2017-01
Arsenic (As)	mg/l	0,01	< 0,001	0,001	DIN EN ISO 17294-2:2017-01
Lead (Pb)	mg/l	0,01	< 0,001	0,001	DIN EN ISO 17294-2:2017-01
Chrome (Cr)	mg/l	0,05	< 0,0005	0,0005	DIN EN ISO 17294-2:2017-01
Cadmium (Cd)	mg/l	0,003	< 0,0003	0,0003	DIN EN ISO 17294-2:2017-01
Copper (Cu)	mg/l	2,0	< 0,005	0,005	DIN EN ISO 17294-2:2017-01
Nickel (Ni)	mg/l	0,02	< 0,002	0,002	DIN EN ISO 17294-2:2017-01
Mercury (Hg)	mg/l	0,001	< 0,00010	0,0001	DIN EN ISO 12846:2012-08
Selenium (Se)	mg/l	0,01	< 0,0005	0,0005	DIN EN ISO 17294-2:2017-01
Uranium (U-238)	mg/l	0,01	< 0,0001	0,0001	DIN EN ISO 17294-2:2017-01
Other examination parameters					
Evaporation residues (180 °C)	mg/l		< 10	10	DIN 38409-1:1987-01