

WASSERANALYSE

Wasserwerk "Gerauer Land"

Entnahme : 16.09.2004
 Abschluss der Untersuchung: 19.10.2004

Bestimmung	Methode	Einheit	Grenzwerte		Ergebnis	Info
			min.	max.		
E.coli	Idexx Colilert 18	MPN/100ml		0	0	
Coliforme Keime	Idexx Colilert 18	MPN/100ml		0	0	
Ammonium	DIN 38406-E5-1	mg/L		0.50	<0.03	
SAK436, Färbung	ISO 7887-DEV C1	/m		0.50	0.09	
Geruchsschw.w. 12°C	DEV B1/2 1971			2	1	
Geschmack	DEV B1/2				ohne	
Koloniezahl 20°C DEV	TrinkwV 1990	KBE/ml		20	3	
Koloniezahl 36°C DEV	TrinkwV 1990	KBE/ml		100	0	
Koloniezahl 22°C ISO	DIN EN ISO 6222	KBE/mL			1	
Koloniezahl 36°C ISO	DIN EN ISO 6222	KBE/mL			0	
Leitfähigkeit 20°C	DEV-C8/DIN... 27888	µS/cm		2500	565	
Trübung	EN ISO 7027-DEV C2	FNU		1.0	0.41	
pH-Wert	DIN 38404-DEV C5		6.5	9.5	7.41	
Enterokokken	ISO 7899-2 (2000)	KBE/100mL		0	0	
Benzol	DIN38407-F9 (GC/FID)	µg/L		1.0	<0.2	UA
Bor	ISO 11885-DEV E22	mg/L		1.0	0.016	
Bromat	ISO 15061-DEV 034	mg/L		0.025	n.n.	
Chrom	ISO 11885-DEV E22	mg/L		0.050	<0.001	
Cyanid	DIN 38405-D14-1	mg/L		0.05	<0.005	UA
1,2-Dichlorethan	ISO10301 (GC/ECD)	µg/L		3.0	<1.0	
Fluorid	ISO 10304-1-DEV D19	mg/L		1.5	0.10	
Nitrat	ISO 10304-1-DEV D19	mg/L		50.0	<0.50	
Quecksilber	EN 12338-DEV E31	mg/L		0.001	<0.0002	
Selen	DIN 38405-D23-2	mg/L		0.010	<0.001	
Tetrachlorethen	ISO10301 (GC/ECD)	µg/L			<0.1	
Trichlorethen	ISO10301 (GC/ECD)	µg/L			<0.1	
Sumo TetraTriCleth.	ISO10301 (GC/ECD)	µg/L		10.0	n.n.	
Antimon	DIN 38405 D32-2	mg/L		0.005	<0.001	
Arsen	ISO 11969-DEV D18	mg/L		0.010	<0.0005	
Benzo-(a)-Pyren	DIN38407-F8 (HPLC)	µg/L		0.01	<0.003	
Blei	ISO 11885-DEV E22	mg/L		0.025	<0.0025	
Cadmium	ISO 11885-DEV E22	mg/L		0.005	<0.0005	
Kupfer	ISO 11885-DEV E22	mg/L		2.0	<0.02	
Nickel	ISO 11885-DEV E22	mg/L		0.020	0.0011	
Nitrit	EN 26777-DEV D10	mg/L		0.50	<0.01	
Benzo-(b)Fluoranthen	DIN38407-F8 (HPLC)	µg/L			<0.005	
Benzo-(k)Fluoranthen	DIN38407-F8 (HPLC)	µg/L				
Benzo-(ghi)-Perylen	DIN38407-F8 (HPLC)	µg/L			<0.01	
Indeno(1,2,3cd)Pyren	DIN38407-F8 (HPLC)	µg/L			<0.03	
Summe PAKs TVO 2001	DIN38407-F8 (HPLC)	µg/L		0.10	n.n.	
Trichlormethan	ISO10301 (GC/ECD)	µg/L			<0.3	
Dichlorbrommethan	ISO10301 (GC/ECD)	µg/L			<0.2	
Dibromchlormethan	ISO10301 (GC/ECD)	µg/L			<0.2	
Tribrommethan	ISO10301 (GC/ECD)	µg/L			<0.2	
Summe Trihalomethane	ISO10301 (GC/ECD)	µg/L		10.0	n.n.	
Aluminium ges.	ISO 11885-DEV E22	mg/L		0.20	<0.01	
Chlorid	ISO 10304-1-DEV D19	mg/L		250	31.8	
Eisen gesamt	ISO 11885-DEV E22	mg/L		0.20	0.013	
Mangan gesamt	ISO 11885-DEV E22	mg/L		0.05	<0.002	

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Natrium	ISO 11885-DEV E22	mg/L		200	13	
TOC	EN 1484-DEV H3	mg/L			1.64	
Sulfat	ISO 10304-1-DEV D19	mg/L		240	98.0	
Säurekapazit. pH 4.3	DIN 38409-H7-1-2	mmol/l/L			3.83	
Calcium	ISO 11885-DEV E22	mg/L			106	
Magnesium	ISO 11885-DEV E22	mg/L			8.5	
Kalium	ISO 11885-DEV E22	mg/L			2.6	
Gesamthärte	ISO 11885-DEV E22	°dH			16.8	
Karbonathärte	DIN 38409-H7-1-2	°dH			10.7	
Dichlobenil	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Propham	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Diethyltoluamid	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
AIPA	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Desisopropylatrazin	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Desethylatrazin	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Desethylterbuthylaz.	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Trifluralin	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Dimethoat	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Simazin	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Carbofuran	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Prometon	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Atrazin	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Propazin	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Terbuthylazin	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Fluchloralin	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Sebuthylazin	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Furmecyclozox	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Desmetryn	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Metribuzin	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Alachlor	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Vinclozolin	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Ametryn	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Metalaxyl	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Prometryn	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Terbutryn	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Metolachlor	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Dipropetryn	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Cyanazin	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Parathion-ethyl	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Fenpropimorph	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
iso-Chloridazon	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Metazachlor	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Pendimethalin	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Chlorfenvinphos	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Methidathion	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Metamitron	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Methoprotryn	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Hexazinon	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
n-Chloridazon	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Propham	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Trifluralin	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Vinclozolin	ISO10695 (GC/MS)	µg/L		0.10	<0.02	
Clopyralid	DIN38407-F14 (GC/MS)	µg/L		0.10	<0.04	
Dicamba	DIN38407-F14 (GC/MS)	µg/L		0.10	<0.02	
MCPP	DIN38407-F14 (GC/MS)	µg/L		0.10	<0.02	

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MCPA	DIN38407-F14 (GC/MS)	µg/L		0.10	<0.02	
2,4-DP	DIN38407-F14 (GC/MS)	µg/L		0.10	<0.02	
2,4-D	DIN38407-F14 (GC/MS)	µg/L		0.10	<0.02	
Triclopyr	DIN38407-F14 (GC/MS)	µg/L		0.10	<0.02	
MCPB	DIN38407-F14 (GC/MS)	µg/L		0.10	<0.02	
2,4,5-T	DIN38407-F14 (GC/MS)	µg/L		0.10	<0.02	
2,4-DB	DIN38407-F14 (GC/MS)	µg/L		0.10	<0.02	
Bentazon	DIN38407-F14 (GC/MS)	µg/L		0.10	<0.02	
Picloram	DIN38407-F14 (GC/MS)	µg/L		0.10	<0.04	
Fluazifop	DIN38407-F14 (GC/MS)	µg/L		0.10	<0.02	
Haloxifop	DIN38407-F14 (GC/MS)	µg/L		0.10	<0.02	
Bromacil	DIN38407-F14 (GC/MS)	µg/L		0.10	<0.02	
Fluroxypyr	DIN38407-F14 (GC/MS)	µg/L		0.10	<0.02	
alpha-HCH	DIN38407-F2 (GC/ECO)	µg/L		0.10	<0.02	
Hexachlorbenzol	DIN38407-F2 (GC/ECO)	µg/L		0.10	<0.02	
beta-HCH	DIN38407-F2 (GC/ECO)	µg/L		0.10	<0.02	
Lindan	DIN38407-F2 (GC/ECO)	µg/L		0.10	<0.02	
delta-HCH	DIN38407-F2 (GC/ECO)	µg/L		0.10	<0.02	
Heptachlor	DIN38407-F2 (GC/ECO)	µg/L		0.03	<0.01	
Aldrin	DIN38407-F2 (GC/ECO)	µg/L		0.03	<0.01	
Heptachlorepoxyd	DIN38407-F2 (GC/ECO)	µg/L		0.03	<0.01	
Dieldrin	DIN38407-F2 (GC/ECO)	µg/L		0.03	<0.01	
4,4-DDE	DIN38407-F2 (GC/ECO)	µg/L		0.10	<0.02	
Endrin	DIN38407-F2 (GC/ECO)	µg/L		0.10	<0.02	
Alpha-Endosulfan	DIN38407-F2 (GC/ECO)	µg/L		0.10	<0.02	
beta-Endosulfan	DIN38407-F2 (GC/ECO)	µg/L		0.10	<0.02	
4,4-DDD	DIN38407-F2 (GC/ECO)	µg/L		0.10	<0.02	
2,4-DDT	DIN38407-F2 (GC/ECO)	µg/L		0.10	<0.02	
4,4-DDT	DIN38407-F2 (GC/ECO)	µg/L		0.10	<0.02	
Methoxychlor	DIN38407-F2 (GC/ECO)	µg/L		0.10	<0.02	
Fenuron	IS011369 (LC/MS)	µg/L		0.10	<0.02	
Metoxuron	IS011369 (LC/MS)	µg/L		0.10	<0.02	
Monuron	IS011369 (LC/MS)	µg/L		0.10	<0.02	
Chlortoluron	IS011369 (LC/MS)	µg/L		0.10	<0.02	
Isoproturon	IS011369 (LC/MS)	µg/L		0.10	<0.02	
Diuron	IS011369 (LC/MS)	µg/L		0.10	<0.02	
Monolinuron	IS011369 (LC/MS)	µg/L		0.10	<0.02	
Metobromuron	IS011369 (LC/MS)	µg/L		0.10	<0.02	
Linuron	IS011369 (LC/MS)	µg/L		0.10	<0.02	
Aldicarb	IS011369 (LC/MS)	µg/L		0.10	<0.02	
Methabenzthiazuron	IS011369 (LC/MS)	µg/L		0.10	<0.02	