

2018 Radioaktivität in Lebensmitteln in Bq/kg(FM)

HPN	Probe	Imp	Staat	K 40	Co 60	Ru 103	I 131	Cs 134	Cs 137	Ce 144	Sr 90
Bremen											
1801N11A0	Rohmilch			5.11E+01	< 3.29E-02	< 2.72E-02	< 3.60E-02	< 2.62E-02	6.42E-01	< 2.23E-01	3.41E-02
1802N11A0	Rohmilch			4.83E+01	< 5.51E-02	< 5.21E-02	< 6.21E-02	< 4.91E-02	7.85E-01	< 3.85E-01	< 2.26E-02
1803N11A0	Rohmilch			4.69E+01	< 5.54E-02	< 4.27E-02	< 5.08E-02	< 4.34E-02	1.57E-01	< 3.52E-01	2.24E-02
1804N11A0	Rohmilch			4.66E+01	< 5.08E-02	< 4.43E-02	< 5.03E-02	< 4.34E-02	< 5.65E-02	< 3.96E-01	1.37E-02
1805N11A0	Rohmilch			4.44E+01	< 5.75E-02	< 5.25E-02	< 7.56E-02	< 5.27E-02	2.41E-01	< 4.19E-01	1.97E-02
1806N11A0	Rohmilch			4.60E+01	< 6.50E-02	< 5.30E-02	< 7.70E-02	< 5.12E-02	9.33E-02	< 3.60E-01	< 1.46E-02
1807N11A0	Rohmilch			4.59E+01	< 6.17E-02	< 5.41E-02	< 6.10E-02	< 5.39E-02	7.94E-02	< 3.52E-01	2.38E-02
1808N11A0	Rohmilch			5.07E+01	< 5.96E-02	< 4.96E-02	< 5.82E-02	< 4.53E-02	2.09E-01	< 3.77E-01	1.37E-02
1809N11A0	Rohmilch			4.32E+01	< 5.67E-02	< 4.75E-02	< 5.69E-02	< 4.98E-02	1.22E-01	< 3.29E-01	1.90E-02
1810N11A0	Rohmilch			4.43E+01	< 5.82E-02	< 4.79E-02	< 5.64E-02	< 5.10E-02	< 6.00E-02	< 3.40E-01	9.69E-03
1811N11A0	Rohmilch			4.42E+01	< 5.66E-02	< 4.84E-02	< 6.87E-02	< 4.57E-02	1.13E-01	< 3.02E-01	2.53E-02
1812N11A0	Rohmilch			4.45E+01	< 5.27E-02	< 4.98E-02	< 5.76E-02	< 4.76E-02	2.77E-01	< 3.17E-01	4.77E-02
1801N21A0	Kopfsalat	X	Belgien	9.66E+01	< 4.93E-02	< 3.80E-02	< 4.23E-02	< 3.91E-02	< 5.06E-02	< 2.06E-01	
1804N21A0	Spinat			2.09E+02	< 1.34E-01	< 1.12E-01	< 1.33E-01	< 1.10E-01	< 1.30E-01	< 6.95E-01	1.19E-01
1806N21A0	Kopfsalat			8.40E+01	< 6.22E-02	< 5.06E-02	< 5.88E-02	< 4.94E-02	1.07E-01	< 3.87E-01	
1807N21A0	Weißkohl, Spitzkohl			5.86E+01	< 1.43E-01	< 9.78E-02	< 1.01E-01	< 9.82E-02	< 1.25E-01	< 4.19E-01	
1809N21A0	Porree			6.47E+01	< 9.56E-02	< 8.74E-02	< 1.09E-01	< 8.83E-02	< 1.08E-01	< 5.82E-01	
1812N21A0	Grünkohl			1.51E+02	< 6.63E-02	< 5.91E-02	< 8.33E-02	< 5.37E-02	< 6.24E-02	< 3.45E-01	
1807N22A0	Erbse ohne Schote			2.66E+02	< 1.03E-01	< 7.54E-02	< 9.24E-02	< 7.60E-02	< 1.28E-01	< 5.48E-01	
1808N21A0	Rote Bete			1.09E+02	< 8.23E-02	< 6.58E-02	< 7.82E-02	< 7.32E-02	1.53E-01	< 4.57E-01	
1808N23A0	Bohne grüne			5.88E+01	< 1.23E-01	< 1.03E-01	< 1.34E-01	< 1.04E-01	< 1.16E-01	< 6.85E-01	
1802N21A0	Zwiebel	X	Spanien	4.68E+01	< 6.93E-02	< 5.73E-02	< 6.59E-02	< 5.41E-02	< 6.49E-02	< 4.44E-01	
1805N21A0	Kohlrabi			9.89E+01	< 9.14E-02	< 7.37E-02	< 8.72E-02	< 7.38E-02	< 1.32E-01	< 5.74E-01	< 1.61E-02
1807N23A0	Blumenkohl			7.66E+01	< 8.46E-02	< 7.20E-02	< 8.89E-02	< 7.18E-02	< 8.10E-02	< 4.83E-01	< 1.40E-02
1803N21A0	Kartoffeln	X	Ägypten	1.10E+02	< 9.55E-02	< 7.41E-02	< 1.07E-01	< 7.72E-02	< 9.78E-02	< 5.81E-01	
1804N22A0	Kartoffeln	X	Frankreich	1.32E+02	< 8.54E-02	< 6.50E-02	< 7.08E-02	< 6.85E-02	< 8.74E-02	< 4.97E-01	
1809N22A0	Kartoffeln			1.37E+02	< 8.90E-02	< 7.74E-02	< 1.01E-01	< 7.83E-02	< 8.74E-02	< 4.95E-01	
1802N31A0	Weizenkörner	X	Tschechische Republik	1.11E+02	< 6.65E-02	< 5.20E-02	< 6.96E-02	< 4.80E-02	< 5.85E-02	< 2.20E-01	
1806N31A0	Weizenkörner			1.11E+02	< 6.97E-02	< 5.98E-02	< 6.62E-02	< 6.06E-02	< 7.28E-02	< 3.80E-01	
1808N31A0	Weizenkörner			1.09E+02	< 6.59E-02	< 5.55E-02	< 6.88E-02	< 5.85E-02	< 6.97E-02	< 3.76E-01	
1809N31A0	Roggenkörner			1.17E+02	< 7.39E-02	< 5.83E-02	< 7.11E-02	< 5.95E-02	< 6.84E-02	< 3.98E-01	
1810N31A0	Roggenkörner			1.43E+02	< 9.28E-02	< 7.30E-02	< 8.22E-02	< 7.60E-02	< 1.17E-01	< 5.75E-01	
1802N32A0	Roggenkörner	X	Russische Föderation	1.13E+02	< 4.53E-02	< 3.61E-02	< 4.90E-02	< 3.61E-02	< 3.91E-02	< 1.80E-01	

2018 Radioaktivität in Lebensmitteln in Bq/kg(FM)

HPN	Probe	Imp	Staat	K 40	Co 60	Ru 103	I 131	Cs 134	Cs 137	Ce 144	Sr 90
Bremen											
1801N41A0	Orange	X	Spanien	4.42E+01	< 3.85E-02	< 3.16E-02	< 4.05E-02	< 3.17E-02	< 3.56E-02	< 2.56E-01	
1802N41A0	Orange	X	Spanien	5.60E+01	< 6.67E-02	< 5.62E-02	< 1.16E-01	< 4.50E-02	< 5.88E-02	< 2.16E-01	
1807N41A0	Süßkirsche			5.77E+01	< 7.79E-02	< 6.52E-02	< 8.36E-02	< 5.99E-02	< 7.45E-02	< 4.19E-01	
1811N41A0	Tafelweintraupe weiß	X	Brasilien	4.78E+01	< 7.52E-02	< 6.21E-02	< 7.46E-02	< 6.51E-02	< 7.19E-02	< 4.25E-01	
1807N42A0	Johannisbeere rot			8.14E+01	< 7.70E-02	< 6.30E-02	< 7.46E-02	< 6.13E-02	< 8.67E-02	< 4.94E-01	
1809N42A0	Pflaume			5.80E+01	< 4.66E-02	< 4.42E-02	< 6.60E-02	< 4.34E-02	< 4.66E-02	< 2.80E-01	
1807N43A0	Stachelbeere			3.71E+01	< 1.67E-01	< 1.27E-01	< 1.33E-01	< 1.06E-01	< 1.46E-01	< 5.28E-01	
1802N51A0	Rindfleisch			8.81E+01	< 8.30E-02	< 6.22E-02	< 7.32E-02	< 6.12E-02	3.70E-01	< 4.82E-01	
1803N51A0	Rindfleisch	X	Niederlande	1.06E+02	< 6.66E-02	< 5.73E-02	< 6.96E-02	< 5.52E-02	< 6.66E-02	< 4.16E-01	
1806N51A0	Rindfleisch			1.08E+02	< 7.60E-02	< 5.26E-02	< 7.02E-02	< 5.31E-02	5.36E-01	< 4.19E-01	
1808N51A0	Rindfleisch			6.92E+01	< 1.40E-01	< 1.27E-01	< 1.36E-01	< 1.17E-01	7.44E-01	< 8.70E-01	
1810N51A0	Rindfleisch	X	Argentinien	1.08E+02	< 7.33E-02	< 6.82E-02	< 1.68E-01	< 5.56E-02	< 6.26E-02	< 4.32E-01	
1811N51A0	Rindfleisch			1.08E+02	< 7.77E-02	< 7.11E-02	< 1.15E-01	< 5.99E-02	1.69E+00	< 5.14E-01	
1812N51A0	Rindfleisch			7.36E+01	< 7.95E-02	< 6.73E-02	< 7.95E-02	< 6.04E-02	< 1.01E-01	< 5.15E-01	
1802N52A0	Kalbfleisch			9.54E+01	< 5.55E-02	< 4.17E-02	< 4.31E-02	< 4.01E-02	1.27E-01	< 2.13E-01	
1803N52A0	Kalbfleisch	X	Niederlande	9.15E+01	< 4.78E-02	< 4.03E-02	< 4.66E-02	< 3.93E-02	1.15E-01	< 3.00E-01	
1806N52A0	Kalbfleisch			9.80E+01	< 1.20E-01	< 9.84E-02	< 1.16E-01	< 1.04E-01	2.02E-01	< 6.53E-01	
1811N52A0	Kalbfleisch	X	Niederlande	1.10E+02	< 7.21E-02	< 6.44E-02	< 8.29E-02	< 6.23E-02	2.78E-01	< 5.14E-01	
1802N53A0	Schweinefleisch			8.54E+01	< 6.42E-02	< 6.32E-02	< 1.54E-01	< 4.96E-02	< 8.26E-02	< 4.04E-01	
1803N53A0	Schweinefleisch	X	Dänemark	9.64E+01	< 4.47E-02	< 3.39E-02	< 3.81E-02	< 3.37E-02	9.62E-02	< 1.78E-01	
1804N52A0	Schweinefleisch			1.14E+02	< 5.27E-02	< 4.26E-02	< 5.18E-02	< 4.33E-02	< 6.05E-02	< 3.77E-01	
1805N51A0	Schweinefleisch			1.10E+02	< 6.30E-02	< 5.28E-02	< 7.33E-02	< 5.14E-02	< 6.50E-02	< 4.39E-01	
1808N52A0	Schweinefleisch			9.65E+01	< 1.23E-01	< 1.09E-01	< 1.44E-01	< 9.98E-02	< 1.25E-01	< 6.71E-01	
1810N53A0	Schweinefleisch	X	Dänemark	1.08E+02	< 7.59E-02	< 7.33E-02	< 1.17E-01	< 6.22E-02	< 1.14E-01	< 4.81E-01	
1811N53A0	Schweinefleisch			9.81E+01	< 6.29E-02	< 5.88E-02	< 9.19E-02	< 5.04E-02	8.15E-02	< 3.28E-01	
1812N52A0	Schweinefleisch			1.16E+02	< 6.63E-02	< 5.46E-02	< 6.48E-02	< 5.52E-02	< 6.23E-02	< 4.55E-01	
1802N54A0	Ente			7.01E+01	< 1.26E-01	< 2.11E-01	< 2.04E+00	< 1.28E-01	< 1.40E-01	< 1.08E+00	
1803N54A0	Gans	X	Polen	6.77E+01	< 1.05E-01	< 8.04E-01		< 1.07E-01	< 1.15E-01	< 7.94E-01	
1810N54A0	Gans			7.21E+01	< 7.88E-02	< 7.63E-02	< 1.22E-01	< 6.30E-02	< 1.04E-01	< 5.22E-01	
1810N55A0	Pute	X	Polen	9.66E+01	< 8.90E-02	< 7.32E-02	< 8.31E-02	< 6.90E-02	< 1.02E-01	< 5.30E-01	
1802N91A0	Käse aus Kuhmilch	X	Schweiz	1.79E+01	< 5.10E-02	< 4.70E-02	< 5.18E-02	< 4.57E-02	< 5.63E-02	< 2.44E-01	
1808N91A0	Käse aus Kuhmilch	X	Niederlande	2.17E+01	< 6.31E-02	< 5.62E-02	< 6.78E-02	< 5.80E-02	< 6.81E-02	< 4.55E-01	

2018 Radioaktivität in Lebensmitteln in Bq/kg(FM)

HPN	Probe	Imp	Staat	K 40	Co 60	Ru 103	I 131	Cs 134	Cs 137	Ce 144	Sr 90
Bremerhaven											
1810N21B0	Kartoffeln			1.48E+02	< 5.32E-02	< 4.64E-02	< 6.92E-02	< 4.47E-02	< 7.28E-02	< 2.91E-01	
1808N22B0	Mohrrübe; Karotte; Möhre			6.85E+01	< 7.70E-02	< 6.90E-02	< 8.36E-02	< 6.67E-02	< 8.88E-02	< 4.43E-01	
1812N22B0	Grünkohl			6.06E+01	< 7.08E-02	< 6.97E-02	< 1.05E-01	< 6.14E-02	< 1.17E-01	< 5.08E-01	
1808N32B0	Weizenkörner			1.08E+02	< 7.57E-02	< 5.89E-02	< 7.12E-02	< 5.82E-02	< 6.61E-02	< 4.33E-01	
1809N32B0	Roggenkörner			1.25E+02	< 8.13E-02	< 6.65E-02	< 7.58E-02	< 6.43E-02	< 1.03E-01	< 5.01E-01	
1806N41B0	Erdbeere			4.51E+01	< 6.93E-02	< 6.39E-02	< 8.02E-02	< 6.18E-02	< 7.13E-02	< 4.38E-01	
1809N41B0	Apfel			3.54E+01	< 6.36E-02	< 5.99E-02	< 7.05E-02	< 6.09E-02	< 6.56E-02	< 3.90E-01	
1811N42B0	Banane	X	Nicaragua	9.61E+01	< 6.85E-02	< 5.50E-02	< 6.66E-02	< 5.36E-02	< 6.23E-02	< 4.44E-01	
1804N51B0	Rindfleisch			5.64E+01	< 5.12E-02	< 4.49E-02	< 5.47E-02	< 4.69E-02	3.70E-01	< 3.92E-01	
1810N52B0	Kalbfleisch			9.53E+01	< 6.78E-02	< 6.16E-02	< 1.24E-01	< 5.73E-02	< 6.70E-02	< 3.78E-01	
1801N51B0	Schweinefleisch			1.14E+02	< 1.11E-01	< 8.11E-02	< 1.17E-01	< 8.46E-02	1.38E-01	< 6.29E-01	
1806N53B0	Schweinefleisch			1.11E+02	< 1.61E-01	< 1.11E-01	< 1.59E-01	< 1.23E-01	< 1.54E-01	< 8.83E-01	
1801N61B0	Seelachs	X	von/nach See	1.36E+02	< 5.18E-02	< 3.93E-02	< 4.89E-02	< 3.84E-02	1.51E-01	< 2.97E-01	
1802N61B0	Rotbarsch	X	von/nach See	1.02E+02	< 1.17E-01	< 1.14E-01	< 2.93E-01	< 9.40E-02	< 1.43E-01	< 4.77E-01	
1803N61B0	Rotbarsch	X	Island	8.20E+01	< 6.80E-02	< 5.62E-02	< 8.95E-02	< 5.31E-02	< 7.02E-02	< 2.65E-01	
1804N61B0	Rotbarsch	X	Island	6.98E+01	< 8.03E-02	< 7.10E-02	< 1.24E-01	< 7.15E-02	< 8.73E-02	< 5.75E-01	
1805N61B0	Schellfisch	X	Norwegen	9.99E+01	< 1.33E-01	< 1.28E-01	< 3.25E-01	< 1.07E-01	< 1.30E-01	< 7.24E-01	
1806N61B0	Meerbrasse	X	Griechenland	1.16E+02	< 1.62E-01	< 1.34E-01	< 2.03E-01	< 1.31E-01	3.00E-01	< 8.21E-01	
1807N61B0	Hering	X	Dänemark	8.92E+01	< 7.79E-02	< 7.10E-02	< 1.17E-01	< 6.18E-02	< 8.57E-02	< 4.93E-01	
1808N61B0	Seelachs	X	Island	1.14E+02	< 6.11E-02	< 5.28E-02	< 1.00E-01	< 4.72E-02	1.16E-01	< 3.65E-01	
1809N61B0	Rotbarsch	X	Island	9.10E+01	< 8.10E-02	< 8.34E-02	< 2.34E-01	< 6.93E-02	< 1.13E-01	< 5.57E-01	
1810N61B0	Kabeljau	X	von/nach See	9.55E+01	< 6.71E-02	< 7.78E-02	< 2.08E-01	< 5.48E-02	< 9.13E-02	< 4.21E-01	
1811N61B0	Seelachs	X	Vereinigte Staaten	3.57E+01	< 4.69E-02	< 4.62E-02	< 6.12E-02	< 4.62E-02	7.02E-02	< 4.22E-01	
1812N61B0	Pollack	X	Russische Föderation	5.95E+01	< 7.05E-02	< 6.29E-02	< 8.14E-02	< 5.79E-02	< 8.21E-02	< 3.68E-01	
Maximalwerte:				2.66E+02	1.67E-01	8.04E-01	2.04E+00	1.31E-01	1.69E+00	1.08E+00	1.19E-01
Minimalwerte:				1.79E+01	3.29E-02	2.72E-02	3.60E-02	2.62E-02	3.56E-02	1.78E-01	9.69E-03
Mittelwerte:				8.68E+01	7.78E-02	7.52E-02	1.15E-01	6.37E-02	1.54E-01	4.51E-01	2.77E-02
Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!											

2018 Radioaktivität in der Gesamtnahrung in Bq/(d*p) und in der Säuglingsnahrung in Bq/kg(FM)

HPN	Probe	K 40	Co 60	Ru 103	Cs 134	Cs 137	Ce 144	Sr 90
1801N82A0	Gesamtnahrung	5.99E+01	< 4.10E-02	< 3.91E-02	< 3.23E-02	< 4.25E-02	< 1.61E-01	
1801N83A0	Gesamtnahrung	1.05E+02	< 1.96E-01	< 1.32E-01	< 1.17E-01	< 1.55E-01	< 5.68E-01	
1802N82A0	Gesamtnahrung	7.10E+01	< 2.27E-02	< 2.23E-02	< 1.81E-02	4.12E-02	< 1.05E-01	
1802N83A0	Gesamtnahrung	6.37E+01	< 3.52E-02	< 3.31E-02	< 2.32E-02	< 3.90E-02	< 8.64E-02	
1803N82A0	Gesamtnahrung	7.61E+01	< 3.70E-02	< 2.68E-02	< 2.50E-02	6.63E-02	< 1.17E-01	
1803N83A0	Gesamtnahrung	1.35E+02	< 5.48E-02	< 4.18E-02	< 4.10E-02	< 4.92E-02	< 1.96E-01	
1803N84A0	Gesamtnahrung							2.58E-02
1804N82A0	Gesamtnahrung	7.46E+01	< 4.06E-02	< 3.51E-02	< 3.51E-02	< 4.26E-02	< 1.90E-01	
1804N83A0	Gesamtnahrung	4.92E+01	< 2.94E-02	< 2.64E-02	< 2.48E-02	7.68E-02	< 1.40E-01	
1804N84A0	Gesamtnahrung	7.24E+01	< 5.57E-02	< 4.44E-02	< 4.38E-02	8.57E-02	< 2.48E-01	
1805N82A0	Gesamtnahrung	7.82E+01	< 3.82E-02	< 3.14E-02	< 3.06E-02	< 5.17E-02	< 1.65E-01	
1805N83A0	Gesamtnahrung	7.56E+01	< 3.68E-02	< 2.97E-02	< 2.77E-02	1.45E-01	< 1.55E-01	
1806N82A0	Gesamtnahrung	4.70E+01	< 2.22E-02	< 2.12E-02	< 1.85E-02	2.43E-02	< 9.09E-02	
1806N83A0	Gesamtnahrung	8.85E+01	< 6.13E-02	< 4.88E-02	< 4.50E-02	< 5.71E-02	< 2.70E-01	
1806N84A0	Gesamtnahrung							2.52E-02
1807N82A0	Gesamtnahrung	6.19E+01	< 4.43E-02	< 4.30E-02	< 3.61E-02	5.80E-01	< 2.14E-01	
1807N83A0	Gesamtnahrung	9.04E+01	< 9.40E-02	< 6.40E-02	< 6.07E-02	< 7.27E-02	< 2.19E-01	
1808N82A0	Gesamtnahrung	8.20E+01	< 5.82E-02	< 4.10E-02	< 4.18E-02	< 5.71E-02	< 2.35E-01	
1808N83A0	Gesamtnahrung	7.16E+01	< 5.16E-02	< 4.18E-02	< 3.75E-02	< 4.60E-02	< 2.15E-01	
1809N82A0	Gesamtnahrung	6.96E+01	< 4.59E-02	< 3.76E-02	< 3.73E-02	1.36E-01	< 1.98E-01	
1809N83A0	Gesamtnahrung	1.10E+02	< 5.56E-02	< 4.58E-02	< 4.09E-02	< 6.59E-02	< 2.48E-01	
1809N84A0	Gesamtnahrung	5.46E+01	< 4.58E-02	< 3.84E-02	< 3.38E-02	< 4.42E-02	< 1.76E-01	
1809N85A0	Gesamtnahrung							3.29E-02
1810N82A0	Gesamtnahrung	8.85E+01	< 5.54E-02	< 4.38E-02	< 3.89E-02	9.93E-02	< 2.21E-01	
1810N83A0	Gesamtnahrung	7.29E+01	< 3.14E-02	< 2.66E-02	< 2.30E-02	2.80E-01	< 1.35E-01	
1811N82A0	Gesamtnahrung	4.31E+01	< 4.82E-02	< 4.46E-02	< 4.32E-02	< 7.97E-02	< 2.52E-01	
1811N83A0	Gesamtnahrung	7.02E+01	< 6.48E-02	< 4.74E-02	< 4.25E-02	< 4.83E-02	< 2.39E-01	
1812N82A0	Gesamtnahrung	1.10E+02	< 4.35E-02	< 4.13E-02	< 2.96E-02	< 5.24E-02	< 1.77E-01	
1812N83A0	Gesamtnahrung	1.00E+02	< 6.53E-02	< 6.74E-02	< 4.76E-02	7.88E-02	< 2.87E-01	
1812N85A0	Gesamtnahrung							4.33E-02
1801N81A0	Kindernahrung	7.77E+01	< 7.89E-02	< 5.66E-02	< 4.62E-02	< 6.45E-02	< 1.79E-01	
1802N81A0	Kindernahrung	5.39E+01	< 7.58E-02	< 6.88E-02	< 6.38E-02	< 8.87E-02	< 5.19E-01	
1803N81A0	Kindernahrung	7.47E+01	< 2.21E-02	< 1.98E-02	< 1.77E-02	7.12E-02	< 9.70E-02	
1804N81A0	Kindernahrung	8.65E+01	< 4.88E-02	< 3.97E-02	< 3.82E-02	< 5.95E-02	< 2.10E-01	3.20E-02

2018 Radioaktivität in der Gesamtnahrung in Bq/(d*p) und in der Säuglingsnahrung in Bq/kg(FM)

HPN	Probe	K 40	Co 60	Ru 103	Cs 134	Cs 137	Ce 144	Sr 90
1805N81A0	Kindernahrung	5.62E+01	< 2.99E-02	< 2.45E-02	< 2.27E-02	< 2.81E-02	< 1.38E-01	
1806N81A0	Kindernahrung	8.60E+01	< 3.00E-02	< 2.39E-02	< 2.18E-02	< 2.82E-02	< 1.25E-01	
1807N81A0	Kindernahrung	7.05E+01	< 5.88E-02	< 5.22E-02	< 4.58E-02	4.74E-01	< 2.55E-01	
1808N81A0	Kindernahrung	6.64E+01	< 5.14E-02	< 4.46E-02	< 3.85E-02	< 4.70E-02	< 2.26E-01	
1809N81A0	Kindernahrung	6.77E+01	< 5.97E-02	< 4.55E-02	< 4.23E-02	< 5.29E-02	< 2.50E-01	< 2.35E-02
1810N81A0	Kindernahrung	5.74E+01	< 2.50E-02	< 2.19E-02	< 1.99E-02	< 4.42E-02	< 1.11E-01	
1811N81A0	Kindernahrung	6.47E+01	< 4.32E-02	< 3.56E-02	< 3.30E-02	5.28E-02	< 1.82E-01	
1812N81A0	Kindernahrung	5.55E+01	< 2.99E-02	< 3.30E-02	< 2.48E-02	4.58E-02	< 1.36E-01	
Maximalwerte:		1.35E+02	1.96E-01	1.32E-01	1.17E-01	5.80E-01	5.68E-01	4.33E-02
Minimalwerte:		4.31E+01	2.21E-02	1.98E-02	1.77E-02	2.43E-02	8.64E-02	2.35E-02
Mittelwerte:		7.47E+01	5.07E-02	4.16E-02	3.71E-02	9.40E-02	2.04E-01	3.05E-02

2018 Radioaktivität im Trinkwasser (Bq/l)

HPN	Probe	K 40	Co 60	Ru 103	I 131	Cs 134	Cs 137	Ce 144	H 3	Sr 90	U 234	U 235	U 238	Pu 238	Pu 239/240
Bremen															
1802N71A0	Trinkwasser Reinwasser	1.08E-01	< 2.96E-03	< 4.13E-03	< 2.01E-02	< 3.06E-03	< 3.20E-03	< 2.41E-02	< 4.32E+00	< 4.54E-03	< 3.58E-03	< 4.02E-03	< 3.08E-03	< 4.48E-04	< 4.01E-04
1805N71A0	Trinkwasser Rohwasser	< 1.17E-01	< 5.57E-03	< 8.68E-03	< 7.70E-02	< 5.49E-03	< 6.33E-03	< 4.80E-02	< 3.65E+00	< 1.39E-03	6.59E-03	< 4.67E-04	6.16E-03	< 4.20E-04	< 3.92E-04
1808N71A0	Trinkwasser Reinwasser	< 1.28E-01	< 5.93E-03	< 7.54E-03	< 2.09E-02	< 6.02E-03	< 6.68E-03	< 3.86E-02	< 3.59E+00	< 1.11E-03	4.36E-03	< 9.47E-04	4.40E-03	< 2.99E-04	< 1.65E-04
1811N71A0	Trinkwasser Reinwasser	< 1.63E-01	< 7.45E-03	< 7.90E-03	< 1.56E-02	< 6.55E-03	< 7.34E-03	< 4.36E-02							
Bremerhaven															
1802N72B0	Trinkwasser Reinwasser	< 8.07E-02	< 3.23E-03	< 4.68E-03	< 2.10E-02	< 3.31E-03	< 5.86E-03	< 2.82E-02	< 3.40E+00	7.70E-03	1.44E-03	< 1.45E-03	1.44E-03	< 4.71E-04	< 3.14E-04
1805N72B0	Trinkwasser Rohwasser	8.87E-02	< 3.41E-03	< 4.50E-03	< 1.37E-02	< 3.45E-03	< 5.66E-03	< 2.90E-02	< 3.66E+00	< 1.01E-03	< 8.47E-04	< 3.48E-04	< 2.67E-04	< 2.68E-04	< 1.57E-04
1808N72B0	Trinkwasser Reinwasser	< 1.21E-01	< 6.37E-03	< 7.07E-03	< 1.89E-02	< 6.30E-03	< 6.81E-03	< 3.92E-02	< 3.59E+00	< 1.85E-03	1.39E-03	< 9.25E-04	1.42E-03	< 4.27E-04	< 7.27E-04
1811N72B0	Trinkwasser Reinwasser	< 1.17E-01	< 6.23E-03	< 7.07E-03	< 1.09E-02	< 6.26E-03	< 8.29E-03	< 5.02E-02							
Maximalwerte:		1.63E-01	7.45E-03	8.68E-03	7.70E-02	6.55E-03	8.29E-03	5.02E-02	4.32E+00	7.70E-03	6.59E-03	4.02E-03	6.16E-03	4.71E-04	7.27E-04
Minimalwerte:		8.07E-02	2.96E-03	4.13E-03	1.09E-02	3.06E-03	3.20E-03	2.41E-02	3.40E+00	1.01E-03	8.47E-04	3.48E-04	2.67E-04	2.68E-04	1.57E-04
Mittelwerte:		1.15E-01	5.14E-03	6.45E-03	2.48E-02	5.06E-03	6.27E-03	3.76E-02	3.70E+00	2.93E-03	3.03E-03	1.36E-03	2.79E-03	3.89E-04	3.59E-04
Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!															

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2018 Radioaktivität in Futtermitteln in Bq/kg(TM)

HPN	Probe	Imp	Staat	K 40	Co 60	Ru 103	I 131	Cs 134	Cs 137	Ce 144	Sr 90
Bremen											
1801F31A0	Hafer	X	Dänemark	1.33E+02	< 5.92E-02	< 4.23E-02	< 4.84E-02	< 4.38E-02	< 4.91E-02	< 2.21E-01	
1801F61A0	Ölschrot (Ölkuchen)	X	Brasilien	7.40E+02	< 1.93E-01	< 1.32E-01	< 2.09E-01	< 1.20E-01	< 1.87E-01	< 5.15E-01	
1801F62A0	Haferschotekleie	X	Finnland	1.60E+02	< 6.83E-02	< 5.30E-02	< 6.87E-02	< 5.25E-02	1.30E+00	< 4.12E-01	
1803F61A0	Palmkernschrot	X	Malaysia	2.33E+02	< 5.73E-02	< 4.72E-02	< 6.02E-02	< 4.56E-02	< 9.30E-02	< 3.46E-01	
1805F31A0	Hafer	X	Schweden	1.20E+02	< 8.55E-02	< 7.72E-02	< 1.18E-01	< 7.43E-02	3.05E-01	< 6.16E-01	
1805F32A0	Hafer	X	Finnland	1.53E+02	< 1.35E-01	< 1.17E-01	< 1.73E-01	< 1.06E-01	4.87E-01	< 8.43E-01	
1805F61A0	Sojaschrot	X	Brasilien	7.15E+02	< 2.09E-01	< 1.72E-01	< 3.81E-01	< 1.44E-01	< 1.98E-01	< 1.04E+00	
1805F62A0	Rapsschrot	X	Polen	3.89E+02	< 1.29E-01	< 1.16E-01	< 2.95E-01	< 1.05E-01	3.50E-01	< 6.34E-01	
1805F63A0	Sonnenblumenkernschrot	X	Niederlande	3.36E+02	< 1.67E-01	< 1.39E-01	< 2.04E-01	< 1.32E-01	< 1.70E-01	< 8.14E-01	
1808F31A0	Maiskörner	X	Ukraine	9.86E+01	< 6.29E-02	< 5.38E-02	< 6.37E-02	< 5.28E-02	1.18E-01	< 4.16E-01	
1809F31A0	Gerste	X	Dänemark	1.39E+02	< 1.00E-01	< 9.28E-02	< 1.64E-01	< 8.22E-02	< 1.48E-01	< 6.53E-01	
1809F61A0	Palmkernschrot	X	Indonesien	2.51E+02	< 1.50E-01	< 1.22E-01	< 3.60E-01	< 1.11E-01	< 1.19E-01	< 8.04E-01	
1809F62A0	Sojaschrot	X	Brasilien	7.42E+02	< 2.22E-01	< 2.04E-01	< 4.99E-01	< 1.70E-01	< 2.22E-01	< 1.23E+00	
1809F63A0	Sojaschrot	X	Ukraine	3.93E+02	< 1.42E-01	< 1.18E-01	< 2.03E-01	< 1.16E-01	< 1.51E-01	< 7.17E-01	
1809F64A0	Sonnenblumenkernschrot	X	Frankreich	2.25E+02	< 1.37E-01	< 1.18E-01	< 2.06E-01	< 1.12E-01	< 1.27E-01	< 6.84E-01	
1810F31A0	Maiskörner			1.16E+02	< 9.83E-02	< 1.04E-01	< 4.19E-01	< 8.01E-02	< 8.90E-02	< 5.47E-01	
1810F32A0	Maiskörner			1.28E+02	< 9.67E-02	< 8.34E-02	< 1.49E-01	< 7.78E-02	< 9.46E-02	< 5.95E-01	
1811F31A0	Weizen			1.24E+02	< 6.48E-02	< 5.64E-02	< 6.33E-02	< 5.47E-02	< 7.08E-02	< 3.41E-01	
1811F41A0	Gehaltsfuttermasse			1.35E+03	< 2.97E-01	< 2.36E-01	< 3.19E-01	< 2.31E-01	5.66E-01	< 1.94E+00	
1812F31A0	Weizen	X	Weißrussland	1.18E+02	< 7.03E-02	< 9.82E-02	< 8.14E-01	< 6.24E-02	< 8.11E-02	< 5.96E-01	
1812F61A0	Rapsschrot	X	Polen	3.97E+02	< 1.86E-01	< 1.40E-01	< 1.74E-01	< 1.34E-01	< 2.83E-01	< 1.01E+00	
Bremerhaven											
1805F12B0	Weidegras Bq/kg (FM)			1.54E+02	< 9.51E-02	< 8.12E-02		< 7.38E-02	2.72E-01	< 4.21E-01	2.74E-01
Maximalwerte:				1.35E+03	2.97E-01	2.36E-01	8.14E-01	2.31E-01	1.30E+00	1.94E+00	2.74E-01
Minimalwerte:				9.86E+01	5.73E-02	4.23E-02	4.84E-02	4.38E-02	4.91E-02	2.21E-01	2.74E-01
Mittelwerte:				3.33E+02	1.29E-01	1.10E-01	2.38E-01	9.99E-02	2.48E-01	7.08E-01	2.74E-01
Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!											

2018 Radioaktivität in Böden Bq/kg(TM)

HPN	Probe	K 40	Co 60	Ru 103	I 131	Cs 134	Cs 137	Ce 144	Be 7	Pb 210	Sr 90
Bremen											
1805B31A0	Ackerböden	2.54E+02	< 9.57E-02	< 9.60E-02	< 1.57E-01	< 8.76E-02	5.71E+00	< 7.76E-01	4.50E+00	< 1.53E+01	4.89E-01

Fehlende Proben: 1805B32A, 1805B33A, 1808B31A, 1808B32A

2018 Radioaktivität im Grundwasser (Bq/l)

HPN	Probe	K 40	Co 60	Ru 103	I 131	Cs 134	Cs 137	Ce 144	H 3	Sr 90	U 234	U 235	U 238	Pu 238	Pu 23940
Bremen															
1805G41A0	Grundwasser	< 7.14E-02	< 2.96E-03	< 3.34E-03	< 6.87E-03	< 3.08E-03	< 3.21E-03	< 2.51E-02	< 3.67E+00	1.26E-03	< 1.23E-03	< 5.37E-04	< 1.23E-03	< 3.78E-04	< 2.79E-04
Bremerhaven															
1805G42B0	Grundwasser	3.13E-01	< 3.16E-03	< 3.93E-03	< 1.35E-02	< 3.30E-03	< 3.47E-03	< 2.53E-02	< 3.66E+00	3.08E-03	< 2.03E-03	< 1.92E-03	< 1.91E-03	< 3.56E-04	< 3.21E-04
1811G42B0	Grundwasser	3.53E-01	< 5.37E-03	< 6.23E-03	< 1.11E-02	< 5.72E-03	< 6.59E-03	< 4.87E-02	< 3.55E+00	2.11E-03	< 6.81E-03	< 2.16E-03	< 1.65E-03	< 4.33E-04	< 3.16E-04
Maximalwerte:		3.53E-01	5.37E-03	6.23E-03	1.35E-02	5.72E-03	6.59E-03	4.87E-02	3.67E+00	3.08E-03	6.81E-03	2.16E-03	1.91E-03	4.33E-04	3.21E-04
Minimalwerte:		7.14E-02	2.96E-03	3.34E-03	6.87E-03	3.08E-03	3.21E-03	2.51E-02	3.55E+00	1.26E-03	1.23E-03	5.37E-04	1.23E-03	3.56E-04	2.79E-04
Mittelwerte:		1.16E+00	1.98E-02	2.31E-02	5.18E-02	2.09E-02	2.31E-02	1.73E-01	1.81E+01	1.08E-02	1.81E-02	7.31E-03	7.93E-03	1.96E-03	1.52E-03
Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!															

Fehlende Probe: 1811G41A

2018 Radioaktivität im Oberflächenwasser (Bq/l) und Sediment Bq/kg(TM)

HPN	Probe	K 40	Co 60	Ru 103	I 131	Cs 134	Cs 137	Ce 144	H 3	Be 7	Pb 210	Sr 90	U 234	U 235	U 238	Pu 238	Pu 23940
Bremen																	
1803G11A0	Oberflächenwasser	< 1.41E-01	< 6.22E-03	< 1.17E-02	< 1.06E-01	< 6.08E-03	< 6.77E-03	< 3.07E-02	< 4.35E+00	< 8.55E-02	< 1.93E-01	5.76E-03	2.01E-03	< 1.41E-03	< 1.08E-03	< 5.49E-04	< 2.01E-04
1806G11A0	Oberflächenwasser	2.13E-01	< 4.00E-03	< 8.37E-03	< 1.26E-01	< 4.27E-03	< 4.40E-03	< 3.35E-02	< 3.66E+00	< 6.15E-02		1.71E-03	< 2.39E-03	< 6.94E-04	2.41E-03	< 3.52E-04	< 1.74E-04
1809G11A0	Oberflächenwasser	1.52E-01	< 3.64E-03	< 1.35E-02	< 1.12E+00	< 3.83E-03	< 6.53E-03	< 3.51E-02	< 4.48E+00	< 8.51E-02	< 1.18E-01						
1812G11A0	Oberflächenwasser	1.79E-01	< 6.34E-03	< 1.70E-02	< 6.68E-01	< 5.93E-03	< 6.72E-03	< 5.45E-02	< 3.56E+00	< 1.08E-01	< 1.88E-01						
1803G13A0	Sediment	3.51E+02	< 5.29E-01	< 6.14E-01	< 8.98E-01	< 5.66E-01	2.58E+01	< 5.13E+00		7.90E+01	3.48E+02						
1806G13A0	Sediment	3.78E+02	< 6.98E-01	< 7.80E-01	< 1.29E+00	< 7.49E-01	2.74E+01	< 6.55E+00		1.96E+02	1.32E+02						
1809G13A0	Sediment	2.64E+02	< 2.77E-01	< 3.36E-01	< 6.31E-01	< 3.08E-01	1.24E+01	< 2.83E+00		3.91E+01	1.78E+02						
1812G13A0	Sediment	4.66E+02	< 6.08E-01	< 6.89E-01	< 1.19E+00	< 6.38E-01	3.18E+01	< 6.30E+00		2.79E+02	3.06E+02						
Bremerhaven																	
1803G12B0	Oberflächenwasser	2.07E-01	< 2.19E-03	< 7.21E-04	< 2.52E-02	< 2.21E-03	< 2.46E-03	< 1.80E-02	< 4.33E+00	2.84E-02		6.50E-03	3.53E-03	< 1.57E-03	2.26E-03	< 1.22E-03	< 3.83E-03
1812G12B0	Oberflächenwasser	< 1.51E-01	< 7.18E-03	< 2.00E-02	< 6.83E-01	< 6.39E-03	< 6.74E-03	< 4.39E-02	< 3.58E+00								
1803G14B0	Sediment	5.16E+02	< 2.07E-01	< 2.14E-01	< 2.97E-01	< 1.94E-01	7.88E+00	< 1.84E+00		1.25E+02	1.96E+02						
1812G14B0	Sediment	6.10E+02	< 5.93E-01	< 5.64E-01	< 7.37E-01	< 5.30E-01	1.02E+01	< 4.85E+00		2.24E+02	1.52E+02						
Maximalwerte:		6.10E+02	6.98E-01	7.80E-01	1.29E+00	7.49E-01	3.18E+01	6.55E+00	4.48E+00	2.79E+02	3.48E+02	6.50E-03	3.53E-03	1.57E-03	2.41E-03	1.22E-03	3.83E-03
Minimalwerte:		1.41E-01	2.19E-03	7.21E-04	2.52E-02	2.21E-03	2.46E-03	1.80E-02	3.56E+00	2.84E-02	1.18E-01	1.71E-03	2.01E-03	6.94E-04	1.08E-03	3.52E-04	1.74E-04
Mittelwerte:		2.59E+03	2.94E+00	3.27E+00	7.77E+00	3.01E+00	1.16E+02	2.77E+01	2.40E+01	9.42E+02	1.31E+03	1.40E-02	7.93E-03	3.67E-03	5.75E-03	2.12E-03	4.21E-03
Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!																	

Fehlende Proben: 1806G12B, 1806G14B, 1809G12B, 1809G14B

2018 Radioaktivität in in Reststoffen aus der Müllverbrennung und im Kompost in Bq/kg(TM) bzw. Bq/l

HPN	Umweltbereich	K 40	Co 60	Ru 103	I 131	Cs 134	Cs 137	Ce 144	H 3
Bremen									
1804A21A0	Feste Rückstände aus Rauchgaswäsche	1.85E+02	< 4.91E-02	< 4.37E-02	1.38E+00	< 4.23E-02	3.13E+00	< 3.17E-01	
1804A22A0	Kesselasche, Schlacke	4.64E+02	< 7.64E-02	< 6.66E-02	< 9.03E-02	< 6.37E-02	2.88E+00	< 5.57E-01	
1804A23A0	Feste Rückstände aus Rauchgaswäsche	2.09E+03	< 1.89E-01	< 1.58E-01	< 2.17E-01	< 1.49E-01	3.92E+01	< 1.25E+00	
1804A24A0	Kesselasche, Schlacke	2.06E+02	< 4.66E-02	< 4.44E-02	< 6.55E-02	< 4.33E-02	5.66E-01	< 4.08E-01	
1804A41A0	Kompost	3.30E+02	< 1.72E-01	< 1.51E-01	< 1.69E-01	< 1.49E-01	5.32E+00	< 1.21E+00	
1810A21A0	Feste Rückstände aus Rauchgaswäsche	1.86E+02	< 9.92E-02	< 7.78E-02	3.85E+00	< 7.60E-02	2.53E+00	< 6.38E-01	
1810A22A0	Kesselasche, Schlacke	4.64E+02	< 1.03E-01	< 9.37E-02	< 1.04E-01	< 9.07E-02	4.56E+00	< 7.22E-01	
1810A23A0	Kesselasche, Schlacke	1.22E+03	< 4.09E-01	< 2.95E-01	< 2.78E-01	< 2.89E-01	1.74E+01	< 1.36E+00	
1810A24A0	Kesselasche, Schlacke	1.92E+02	< 1.01E-01	< 9.39E-02	< 1.09E-01	< 9.50E-02	5.15E-01	< 8.73E-01	
1810A41A0	Kompost	5.04E+02	< 2.06E-01	< 1.63E-01	< 1.93E-01	< 1.71E-01	6.97E+00	< 1.30E+00	
Bremerhaven									
1804A25B0	Kesselasche, Schlacke	3.78E+02	< 8.18E-02	< 7.62E-02	< 1.16E-01	< 7.31E-02	2.92E+00	< 6.38E-01	
1804A26B0	Feste Rückstände aus Rauchgaswäsche	6.40E+01	< 7.18E-02	< 7.52E-02	8.42E-01	< 7.19E-02	9.86E-01	< 6.21E-01	
1804A27B0	Filterstaub, Filterasche	1.29E+03	< 2.52E-01	< 1.77E-01	< 2.22E-01	< 1.68E-01	2.15E+01	< 8.73E-01	
1804A28B0	Flüssige Rückstände aus Rauchgaswäsche	1.90E+01	< 3.35E-02	< 3.32E-02	8.01E-01	< 3.20E-02	1.23E-01	< 2.24E-01	
1810A25B0	Kesselasche, Schlacke	2.03E+02	< 7.26E-02	< 7.12E-02	< 1.00E-01	< 6.12E-02	7.42E-01	< 6.14E-01	
1810A26B0	Feste Rückstände aus Rauchgaswäsche	5.28E+01	< 6.82E-02	< 6.41E-02	< 1.06E-01	< 6.28E-02	3.06E-01	< 5.56E-01	
1810A27B0	Filterstaub, Filterasche	2.04E+03	< 1.49E-01	< 1.18E-01	< 1.63E-01	< 1.15E-01	2.89E+01	< 8.22E-01	
1810A28B0	Flüssige Rückstände aus Rauchgaswäsche	1.51E+01	< 5.13E-02	< 4.80E-02	< 6.34E-02	< 4.56E-02	< 6.08E-02	< 3.75E-01	
1804A31B0	Sicker- und Grundwasser	1.77E+01	< 2.89E-02	< 3.04E-02	< 4.62E-02	< 2.72E-02	5.71E-02	< 2.59E-01	6.70E+00
1810A31B0	Sicker- und Grundwasser	2.92E+01	< 5.92E-02	< 4.58E-02	< 6.29E-02	< 4.78E-02	7.28E-02	< 3.94E-01	8.02E+00
Maximalwerte:		2.09E+03	4.09E-01	2.95E-01	3.85E+00	2.89E-01	3.92E+01	1.36E+00	8.02E+00
Minimalwerte:		1.51E+01	2.89E-02	3.04E-02	4.62E-02	2.72E-02	5.71E-02	2.24E-01	6.70E+00
Mittelwerte:		4.97E+02	1.16E-01	9.63E-02	4.49E-01	9.37E-02	6.94E+00	7.01E-01	7.36E+00
Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!									

HPN	Probe	K 40	Co 60	Ru 103	I 131	Cs 134	Cs 137	Ce 144	Be 7	Pb 210	Sr 90	U 234	U 235	U 238	Pu 238	Pu 23940
Bremen																
1802A11A0	Abwasser	< 1.06E+00	< 4.85E-02	< 4.90E-02	1.64E-01	< 4.32E-02	< 4.66E-02	< 2.37E-01			< 1.18E-02	< 1.95E-02	< 2.54E-02	8.51E-03	< 8.22E-04	< 3.36E-04
1805A11A0	Abwasser	< 9.84E-01	< 5.05E-02	< 4.72E-02	3.56E-01	< 4.27E-02	< 4.85E-02	< 3.89E-01	< 4.04E-01							
1808A11A0	Abwasser	9.00E-01	< 3.46E-02	< 3.27E-02	7.53E-02	< 3.12E-02	< 3.31E-02	< 2.72E-01	< 2.77E-01		< 2.33E-02	< 1.62E-03	< 6.73E-03	< 5.16E-03	< 1.20E-03	< 1.08E-03
1811A11A0	Abwasser	< 1.09E+00	< 5.04E-02	< 4.78E-02	1.90E-01	< 4.35E-02	< 5.24E-02	< 3.25E-01	< 3.85E-01							
1802A13A0	Klärschlamm	2.39E+02	< 1.59E+00	< 1.66E+00	3.22E+01	< 1.51E+00	< 2.44E+00	< 1.30E+01	1.69E+02		1.08E+00	1.80E+01	< 2.24E+00	1.26E+01	< 1.10E-01	< 9.79E-02
1805A13A0	Klärschlamm	1.61E+02	< 1.17E+00	< 1.16E+00	3.70E+01	< 1.16E+00	< 1.36E+00	< 8.20E+00	1.11E+02							
1808A13A0	Klärschlamm	1.45E+02	< 8.79E-01	< 8.85E-01	1.81E+01	< 8.50E-01	1.72E+00	< 7.52E+00	8.52E+01	6.19E+01	1.23E+00	8.08E+00	< 4.93E+00	6.91E+00	< 1.35E-01	< 7.64E-02
1811A13A0	Klärschlamm	1.73E+02	< 1.19E+00	< 1.01E+00	3.98E+01	< 1.05E+00	< 1.26E+00	< 9.73E+00	4.99E+01	< 7.23E+01						
Bremerhaven																
1802A12B0	Abwasser	1.43E+00	< 2.24E-02	< 2.33E-02	1.58E-01	< 2.14E-02	< 3.70E-02	< 1.86E-01			< 4.04E-02	< 1.02E-02	< 1.18E-02	< 9.03E-03	< 1.09E-03	< 4.65E-04
1805A12B0	Abwasser	< 1.09E+00	< 5.51E-02	< 5.40E-02	7.84E-02	< 5.22E-02	< 8.22E-02	< 4.65E-01	< 4.83E-01							
1808A12B0	Abwasser	9.06E-01	< 5.05E-02	< 4.67E-02	< 6.49E-02	< 4.44E-02	< 5.24E-02	< 3.87E-01	< 4.05E-01	< 2.45E+00	< 1.20E-02	< 4.60E-03	< 1.52E-03	1.29E-03	< 1.36E-03	< 9.94E-04
1811A12B0	Abwasser	1.37E+00	< 2.75E-02	< 2.91E-02	8.82E-01	< 2.68E-02	< 5.28E-02	< 2.39E-01	< 2.52E-01	< 1.40E+00						
1802A14B0	Klärschlamm	2.83E+02	< 1.24E+00	< 1.38E+00	7.37E+01	< 1.10E+00	< 1.43E+00	< 9.64E+00	1.21E+02	< 6.80E+01	2.08E+00	1.38E+01	1.13E+00	1.23E+01	< 1.48E-01	< 1.30E-01
1805A14B0	Klärschlamm	2.16E+02	< 1.22E+00	< 1.09E+00	1.58E+01	< 1.09E+00	< 1.33E+00	< 8.33E+00	6.17E+01	< 7.84E+01						
1808A14B0	Klärschlamm	1.57E+02	< 8.83E-01	< 8.94E-01	2.20E+01	< 9.35E-01	< 1.29E+00	< 7.58E+00	8.70E+01	< 5.88E+01	< 9.46E-01	1.03E+01	< 8.20E-01	7.90E+00	< 1.16E-01	< 5.81E-02
1811A14B0	Klärschlamm	1.80E+02	< 4.62E-01	< 4.86E-01	4.60E+01	< 4.38E-01	< 7.54E-01	< 3.27E+00	4.56E+01	< 6.06E+01						
Maximalwerte:		2.83E+02	1.59E+00	1.66E+00	7.37E+01	1.51E+00	2.44E+00	1.30E+01	1.69E+02	7.84E+01	2.08E+00	1.80E+01	2.24E+00	1.26E+01	1.48E-01	1.30E-01
Minimalwerte:		9.00E-01	2.24E-02	2.33E-02	6.49E-02	2.14E-02	3.31E-02	1.86E-01	2.52E-01	1.40E+00	1.18E-02	1.62E-03	1.52E-03	1.29E-03	8.22E-04	3.36E-04
Mittelwerte:		7.09E+01	4.05E-01	4.00E-01	1.34E+01</											