

2016 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											
1601N11A0	Rohmilch			4.42E+01	< 4.77E-02	< 4.36E-02	< 5.29E-02	< 4.11E-02	1.60E+00	< 2.99E-01	1.39E-02
1602N11A0	Rohmilch			4.96E+01	< 8.10E-02	< 7.26E-02	< 9.07E-02	< 7.31E-02	4.16E-01	< 5.32E-01	5.91E-02
1603N11A0	Rohmilch			4.51E+01	< 1.36E-01	< 1.41E-01	< 1.96E-01	< 1.31E-01	< 1.64E-01	< 9.94E-01	2.77E-02
1604N11A0	Rohmilch			4.93E+01	< 5.44E-02	< 5.64E-02	< 1.48E-01	< 4.14E-02	5.64E-01	< 3.59E-01	3.51E-02
1605N11A0	Rohmilch			4.87E+01	< 9.48E-02	< 8.15E-02	< 1.47E-01	< 7.23E-02	< 8.62E-02	< 6.20E-01	4.86E-02
1606N11A0	Rohmilch			4.45E+01	< 1.16E-01	< 9.04E-02	< 1.55E-01	< 7.73E-02	< 1.38E-01	< 3.85E-01	2.56E-02
1607N11A0	Rohmilch			4.73E+01	< 1.17E-01	< 8.37E-02	< 7.96E-02	< 8.61E-02	< 1.48E-01	< 3.95E-01	4.98E-02
1608N11A0	Rohmilch			4.79E+01	< 6.75E-02	< 5.56E-02	< 5.88E-02	< 5.22E-02	< 7.21E-02	< 3.91E-01	< 1.55E-02
1609N11A0	Rohmilch			4.12E+01	< 1.22E-01	< 9.58E-02	< 1.38E-01	< 9.44E-02	2.60E-01	< 7.46E-01	3.96E-02
1610N11A0	Rohmilch			4.99E+01	< 6.03E-02	< 5.04E-02	< 6.87E-02	< 4.91E-02	1.66E-01	< 2.40E-01	< 1.72E-02
1611N11A0	Rohmilch			4.47E+01	< 5.86E-02	< 5.86E-02	< 1.15E-01	< 4.96E-02	< 6.52E-02	< 4.14E-01	1.24E-02
1612N11A0	Rohmilch			4.51E+01	< 4.96E-02	< 4.73E-02	< 8.87E-02	< 4.43E-02	1.26E-01	< 2.88E-01	< 1.82E-02
1601N21A0	Kopfsalat	X	Belgien	1.18E+02	< 8.48E-02	< 7.74E-02	< 1.20E-01	< 7.25E-02	< 8.38E-02	< 5.48E-01	
1604N21A0	Spinat			1.83E+02	< 1.10E-01	< 9.04E-02	< 1.10E-01	< 8.54E-02	< 9.88E-02	< 8.11E-01	0.0614
1606N21A0	Kopfsalat			9.28E+01	< 5.28E-02	< 4.86E-02	< 1.29E-01	< 4.08E-02	< 4.84E-02	< 3.27E-01	
1607N21A0	Weißkohl			5.95E+01	< 6.82E-02	< 6.58E-02	< 8.35E-02	< 6.24E-02	< 7.28E-02	< 4.36E-01	
1609N21A0	Porree			7.33E+01	< 8.35E-02	< 8.32E-02	< 1.51E-01	< 7.38E-02	< 8.74E-02	< 5.85E-01	
1612N21A0	Grünkohl			1.59E+02	< 1.30E-01	< 1.10E-01	< 1.95E-01	< 1.04E-01	< 1.21E-01	< 7.92E-01	
1608N21A0	Rote Bete			1.11E+02	< 1.34E-01	< 1.11E-01	< 2.47E-01	< 9.41E-02	< 1.11E-01	< 7.32E-01	
1607N22A0	Erbsen			5.98E+01	< 8.66E-02	< 6.51E-02	< 7.40E-02	< 6.57E-02	< 1.63E-01	< 3.01E-01	
1608N23A0	Bohne grüne			1.51E+02	< 1.04E-01	< 9.25E-02	< 2.02E-01	< 8.19E-02	< 9.53E-02	< 6.50E-01	
1602N21A0	Zwiebel	X	Spanien	5.92E+01	< 1.30E-01	< 1.25E-01	< 1.45E-01	< 1.28E-01	< 1.40E-01	< 8.95E-01	
1605N21A0	Kohlrabi			9.31E+01	< 1.30E-01	< 1.01E-01	< 1.50E-01	< 8.89E-02	< 1.06E-01	< 7.24E-01	0.15
1607N23A0	Blumenkohl			8.28E+01	< 7.01E-02	< 6.28E-02	< 7.04E-02	< 6.00E-02	< 7.14E-02	< 4.18E-01	0.0438
1603N21A0	Kartoffeln	X	Ägypten	1.35E+02	< 1.79E-01	< 1.66E-01	< 2.36E-01	< 1.51E-01	< 1.88E-01	< 1.28E+00	
1604N22A0	Kartoffeln	X	Zypern	1.19E+02	< 9.03E-02	< 9.58E-02	< 2.27E-01	< 8.10E-02	< 9.28E-02	< 5.94E-01	
1609N22A0	Kartoffeln			1.07E+02	< 9.60E-02	< 8.52E-02	< 1.47E-01	< 7.43E-02	< 8.94E-02	< 5.96E-01	
1602N31A0	Weizenkörner	X	Tschech. Rep.	1.11E+02	< 7.96E-02	< 6.36E-02	< 7.58E-02	< 6.20E-02	< 6.96E-02	< 5.02E-01	
1602N32A0	Roggenkörner	X	Dänemark	1.30E+02	< 1.04E-01	< 8.87E-02	< 1.10E-01	< 9.20E-02	< 1.34E-01	< 6.48E-01	
1606N31A0	Weizenkörner			1.12E+02	< 1.54E-01	< 1.27E-01	< 1.71E-01	< 1.06E-01	< 1.61E-01	< 4.87E-01	
1608N31A0	Weizenkörner			1.06E+02	< 1.37E-01	< 1.29E-01	< 2.39E-01	< 1.05E-01	< 1.38E-01	< 8.55E-01	
1609N31A0	Roggenkörner			1.30E+02	< 6.93E-02	< 5.20E-02	< 6.86E-02	< 5.15E-02	< 1.36E-01	< 2.36E-01	
1610N31A0	Roggenkörner			1.19E+02	< 8.27E-02	< 6.73E-02	< 9.02E-02	< 6.63E-02	< 8.37E-02	< 5.08E-01	
1607N41A0	Süßkirsche			4.64E+01	< 1.01E-01	< 8.97E-02	< 1.06E-01	< 8.43E-02	< 9.76E-02	< 7.19E-01	
1609N42A0	Pflaume			7.05E+01	< 8.00E-02	< 7.79E-02	< 1.45E-01	< 6.86E-02	< 7.83E-02	< 5.39E-01	
1607N42A0	Johannisbeere rot			4.64E+01	< 1.08E-01	< 8.82E-02	< 1.08E-01	< 9.16E-02	< 9.94E-02	< 6.55E-01	
1607N43A0	Stachelbeere			4.23E+01	< 6.98E-02	< 4.96E-02	< 5.65E-02	< 5.26E-02	< 1.14E-01	< 2.26E-01	
1611N41A0	Tafelweintraube weiß	X	Peru	6.78E+01	< 8.29E-02	< 7.34E-02	< 1.18E-01	< 6.82E-02	< 7.23E-02	< 5.08E-01	
1601N41A0	Orange	X	Spanien	5.11E+01	< 9.31E-02	< 8.18E-02	< 9.27E-02	< 7.98E-02	< 9.24E-02	< 5.89E-01	
1602N41A0	Orange	X	Spanien	3.34E+01	< 6.40E-02	< 5.54E-02	< 6.10E-02	< 5.56E-02	< 5.97E-02	< 4.50E-01	
1602N51A0	Rindfleisch			1.06E+02	< 1.41E-01	< 1.52E-01	< 2.26E-01	< 1.27E-01	1.08E+00	< 1.10E+00	
1603N51A0	Rindfleisch	X	Neuseeland	9.51E+01	< 8.87E-02	< 8.76E-02	< 1.77E-01	< 7.12E-02	8.32E-01	< 5.46E-01	
1606N51A0	Rindfleisch			9.15E+01	< 1.71E-01	< 1.38E-01	< 2.93E-01	< 1.19E-01	< 1.41E-01	< 8.82E-01	
1608N51A0	Rindfleisch			8.13E+01	< 1.17E-01	< 1.07E-01	< 1.56E-01	< 8.65E-02	2.54E+00	< 6.51E-01	
1610N51A0	Rindfleisch	X	unbek. Ausland	1.01E+02	< 6.11E-02	< 6.30E-02	< 1.80E-01	< 5.00E-02	< 7.34E-02	< 4.10E-01	
1611N51A0	Rindfleisch			9.26E+01	< 5.59E-02	< 5.34E-02	< 1.16E-01	< 4.41E-02	2.06E+00	< 3.53E-01	
1612N51A0	Rindfleisch			8.49E+01	< 6.90E-02	< 5.95E-02	< 1.14E-01	< 4.93E-02	1.20E-01	< 3.94E-01	

2016 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											
1602N52A0	Kalbfleisch			7.08E+01	< 7.54E-02	< 5.39E-02	< 7.28E-02	< 5.33E-02	1.73E-01	< 4.31E-01	
1603N52A0	Kalbfleisch	X	Niederlande	1.19E+02	< 1.46E-01	< 9.79E-02	< 1.79E-01	< 9.96E-02	4.09E-01	< 7.51E-01	
1606N52A0	Kalbfleisch			1.17E+02	< 1.22E-01	< 9.53E-02	< 1.15E-01	< 8.10E-02	1.74E-01	< 7.18E-01	
1611N52A0	Kalbfleisch	X	Niederlande	7.78E+01	< 5.12E-02	< 7.95E-02	< 1.07E+00	< 4.49E-02	9.90E-02	< 3.09E-01	
1602N53A0	Schweinefleisch			1.29E+02	< 1.64E-01	< 1.20E-01	< 1.74E-01	< 1.06E-01	1.74E-01	< 8.86E-01	
1604N52A0	Schweinefleisch			1.14E+02	< 8.49E-02	< 8.19E-02	< 1.70E-01	< 7.07E-02	< 9.78E-02	< 5.28E-01	
1605N51A0	Schweinefleisch			1.11E+02	< 1.50E-01	< 1.23E-01	< 1.84E-01	< 1.22E-01	< 1.44E-01	< 8.55E-01	
1608N52A0	Schweinefleisch			9.20E+01	< 1.22E-01	< 1.33E-01	< 2.64E-01	< 1.05E-01	< 1.61E-01	< 8.72E-01	
1610N53A0	Schweinefleisch	X	Spanien	8.34E+01	< 1.40E-01	< 1.16E-01	< 1.82E-01	< 1.05E-01	< 1.24E-01	< 8.48E-01	
1611N53A0	Schweinefleisch			9.61E+01	< 5.58E-02	< 4.18E-02	< 5.29E-02	< 4.31E-02	< 6.73E-02	< 2.81E-01	
1612N52A0	Schweinefleisch			1.17E+02	< 1.16E-01	< 1.30E-01	< 6.14E-01	< 9.07E-02	< 9.81E-02	< 6.90E-01	
1602N54A0	Ente			4.56E+01	< 8.11E-02	< 7.60E-01		< 8.91E-02	< 9.20E-02	< 8.24E-01	
1603N54A0	Gans	X	Ungarn	7.35E+01	< 9.07E-02	< 1.28E-01	< 6.36E-01	< 8.63E-02	< 9.81E-02	< 6.42E-01	
1610N54A0	Ente			6.15E+01	< 1.40E-01	< 3.91E-01	< 6.15E+01	< 1.20E-01	< 1.53E-01	< 1.19E+00	
1610N55A0	Pute	X	Frankreich	7.06E+01	< 1.42E-01	< 3.97E-01	< 3.59E+01	< 1.12E-01	< 1.30E-01	< 1.14E+00	
1603N53A0	Lammfleisch	X	Neuseeland	1.22E+02	< 1.75E-01	< 2.46E-01	< 8.04E-01	< 2.11E-01	4.90E-01	< 1.79E+00	
1602N91A0	Hartkäse	X	Österreich	2.55E+01	< 5.49E-02	< 4.67E-02	< 5.71E-02	< 4.25E-02	< 5.78E-02	< 3.89E-01	
1608N91A0	Hartkäse	X	Schweiz	2.91E+01	< 6.73E-02	< 6.57E-02	< 1.04E-01	< 6.16E-02	< 7.21E-02	< 4.99E-01	
Bremerhaven											
1612N22B0	Grünkohl			1.17E+02	< 1.48E-01	< 1.69E-01	< 3.48E-01	< 1.32E-01	< 1.56E-01	< 1.30E+00	
1608N22B0	Mohrrübe			7.96E+01	< 1.78E-01	< 1.31E-01	< 2.23E-01	< 1.30E-01	< 1.41E-01	< 1.01E+00	
1610N21B0	Kartoffeln			1.20E+02	< 7.16E-02	< 6.05E-02	< 1.11E-01	< 5.69E-02	< 6.86E-02	< 4.30E-01	
1608N32B0	Weizenkörner			1.04E+02	< 7.67E-02	< 6.14E-02	< 7.59E-02	< 5.83E-02	< 1.44E-01	< 2.62E-01	
1609N32B0	Roggenkörner			1.19E+02	< 9.21E-02	< 7.08E-02	< 1.04E-01	< 6.94E-02	< 1.38E-01	< 3.12E-01	
1609N41B0	Apfel			3.72E+01	< 1.13E-01	< 1.10E-01	< 1.60E-01	< 9.69E-02	< 1.12E-01	< 7.54E-01	
1606N41B0	Erdbeere			3.90E+01	< 1.35E-01	< 1.16E-01	< 1.76E-01	< 1.15E-01	< 1.26E-01	< 8.71E-01	
1611N42B0	Banane	X	Dom. Rep.	9.97E+01	< 9.11E-02	< 6.98E-02	< 8.20E-02	< 7.31E-02	< 1.65E-01	< 3.36E-01	
1604N51B0	Rindfleisch			1.07E+02	< 8.13E-02	< 8.22E-02	< 2.03E-01	< 6.33E-02	< 1.04E-01	< 5.90E-01	
1610N52B0	Kalbfleisch			1.18E+02	< 1.21E-01	< 1.13E-01	< 2.01E-01	< 9.69E-02	1.95E-01	< 7.50E-01	
1601N51B0	Schweinefleisch			9.13E+01	< 1.56E-01	< 1.55E-01	< 3.63E-01	< 1.20E-01	< 1.72E-01	< 9.38E-01	
1606N53B0	Schweinefleisch			1.05E+02	< 1.31E-01	< 1.07E-01	< 1.94E-01	< 9.99E-02	< 1.19E-01	< 7.59E-01	
1601N61B0	Barschartige Seef.	X	Indonesien	1.29E+02	< 1.54E-01	< 1.53E-01	< 4.14E-01	< 1.24E-01	< 1.61E-01	< 1.10E+00	
1602N61B0	Rotbarsch	X	von/nach See	9.16E+01	< 1.85E-01	< 1.67E-01	< 2.63E-01	< 1.53E-01	< 1.91E-01	< 1.09E+00	
1603N61B0	Seelachs	X	Norwegen	1.00E+02	< 9.58E-02	< 9.55E-02	< 1.89E-01	< 9.79E-02	< 1.37E-01	< 7.17E-01	
1604N61B0	Seelachs	X	Island	1.13E+02	< 1.01E-01	< 1.01E-01	< 2.43E-01	< 8.51E-02	1.12E-01	< 6.20E-01	
1605N61B0	Seelachs	X	von/nach See	1.30E+02	< 1.29E-01	< 1.07E-01	< 1.71E-01	< 9.42E-02	1.80E-01	< 7.38E-01	
1606N61B0	Rotbarsch	X	Island	1.09E+02	< 1.39E-01	< 9.87E-02	< 1.52E-01	< 9.69E-02	< 1.46E-01	< 7.33E-01	
1607N61B0	Rotbarsch	X	Island	8.92E+01	< 1.86E-01	< 1.37E-01	< 1.66E-01	< 1.35E-01	< 1.83E-01	< 9.50E-01	
1608N61B0	Rotbarsch	X	Island	9.60E+01	< 3.16E-02	< 2.49E-02	< 3.79E-02	< 2.41E-02	8.49E-02	< 1.90E-01	
1609N61B0	Rotbarsch	X	Island	8.30E+01	< 1.21E-01	< 1.39E-01	< 5.05E-01	< 9.66E-02	< 1.33E-01	< 7.97E-01	
1610N61B0	Thunfisch	X	Spanien	1.34E+02	< 1.62E-01	< 1.43E-01	< 2.59E-01	< 1.25E-01	2.71E-01	< 9.82E-01	
1611N61B0	Rotbarsch	X	Island	1.04E+02	< 1.62E-01	< 2.14E-01	< 1.44E+00	< 1.35E-01	< 1.88E-01	< 1.07E+00	
1612N61B0	Makrele	X	Irland	1.15E+02	< 1.18E-01	< 1.23E-01	< 2.03E-01	< 1.10E-01	< 1.44E-01	< 6.95E-01	
Maximalwerte:				1.83E+02	1.86E-01	7.60E-01	6.15E+01	2.11E-01	2.54E+00	1.79E+00	1.50E-01
Minimalwerte:				2.55E+01	3.16E-02	2.49E-02	3.79E-02	2.41E-02	4.84E-02	1.90E-01	1.24E-02
Mittelwerte :				8.84E+01	1.06E-01	1.10E-01	1.30E+00	8.58E-02	2.24E-01	6.54E-01	4.12E-02
Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!											

2016 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
1601N82A0	Gesamtnahrung	9.01E+01	< 8.41E-02	< 7.96E-02	< 6.13E-02	< 7.55E-02	< 3.84E-01	
1601N83A0	Gesamtnahrung	8.54E+01	< 7.87E-02	< 9.07E-02	< 6.09E-02	< 8.84E-02	< 3.98E-01	
1602N82A0	Gesamtnahrung	1.37E+02	< 8.80E-02	< 7.58E-02	< 6.39E-02	< 8.94E-02	< 4.22E-01	
1602N83A0	Gesamtnahrung	1.41E+02	< 1.07E-01	< 1.14E-01	< 8.06E-02	< 9.57E-02	< 5.24E-01	
1603N82A0	Gesamtnahrung	1.08E+02	< 8.75E-02	< 9.42E-02	< 6.23E-02	< 8.14E-02	< 3.23E-01	
1603N83A0	Gesamtnahrung	9.77E+01	< 1.82E-01	< 1.60E-01	< 1.30E-01	< 9.18E-01	< 8.32E-01	
1603N84A0	Gesamtnahrung							0.0407
1604N82A0	Gesamtnahrung	1.25E+02	< 6.90E-02	< 7.91E-02	< 5.23E-02	< 1.10E-01	< 3.55E-01	
1604N83A0	Gesamtnahrung	8.25E+01	< 5.35E-02	< 4.96E-02	< 3.82E-02	< 5.76E-02	< 2.00E-01	
1604N84A0	Gesamtnahrung	1.27E+02	< 5.89E-02	< 5.70E-02	< 4.98E-02	< 8.83E-02	< 3.06E-01	
1605N82A0	Gesamtnahrung	1.09E+02	< 8.55E-02	< 9.09E-02	< 7.28E-02	< 8.45E-02	< 6.36E-01	
1605N83A0	Gesamtnahrung	8.07E+01	< 8.54E-02	< 7.39E-02	< 6.72E-02	< 1.27E-01	< 4.33E-01	
1606N82A0	Gesamtnahrung	4.19E+01	< 4.05E-02	< 3.94E-02	< 2.85E-02	< 6.08E-02	< 1.02E-01	
1606N83A0	Gesamtnahrung	9.37E+01	< 8.65E-02	< 7.25E-02	< 3.32E-01	< 2.81E-01	< 2.13E-01	
1606N84A0	Gesamtnahrung							0.0328
1607N82A0	Gesamtnahrung	7.57E+01	< 2.53E-02	< 2.39E-02	< 1.91E-02	< 6.15E-02	< 9.67E-02	
1607N83A0	Gesamtnahrung	4.95E+01	< 4.76E-02	< 4.15E-02	< 3.14E-02	< 5.83E-02	< 1.16E-01	
1608N82A0	Gesamtnahrung	6.46E+01	< 5.15E-02	< 4.32E-02	< 3.73E-02	< 8.87E-02	< 1.36E-01	
1608N83A0	Gesamtnahrung	7.96E+01	< 4.94E-02	< 4.51E-02	< 3.42E-02	< 7.15E-02	< 1.24E-01	
1609N82A0	Gesamtnahrung	4.53E+01	< 3.05E-02	< 2.98E-02	< 2.25E-02	< 4.60E-02	< 7.99E-02	
1609N83A0	Gesamtnahrung	5.95E+01	< 6.03E-02	< 5.62E-02	< 4.31E-02	< 1.06E-01	< 1.59E-01	
1609N84A0	Gesamtnahrung	7.67E+01	< 2.36E-02	< 2.40E-02	< 1.63E-02	< 7.59E-02	< 5.89E-02	
1609N85A0	Gesamtnahrung							0.0416
1610N82A0	Gesamtnahrung	1.28E+02	< 8.16E-02	< 7.30E-02	< 5.88E-02	< 1.82E-01	< 2.51E-01	
1610N83A0	Gesamtnahrung	5.03E+01	< 3.36E-02	< 2.54E-02	< 2.28E-02	< 5.39E-02	< 8.47E-02	
1611N82A0	Gesamtnahrung	7.33E+01	< 1.21E-01	< 1.08E-01	< 8.39E-02	< 1.25E-01	< 3.06E-01	
1611N83A0	Gesamtnahrung	4.68E+01	< 3.40E-02	< 2.59E-02	< 2.25E-02	< 5.42E-02	< 8.77E-02	
1612N82A0	Gesamtnahrung	5.07E+01	< 2.60E-02	< 2.00E-02	< 1.75E-02	< 4.20E-02	< 6.81E-02	
1612N83A0	Gesamtnahrung	9.52E+01	< 4.15E-02	< 4.26E-02	< 2.99E-02	< 5.37E-02	< 1.78E-01	
1612N85A0	Gesamtnahrung							0.0444
1601N81A0	Kindernahrung	7.06E+01	< 1.49E-01	< 1.45E-01	< 1.30E-01	< 1.35E-01	< 7.59E-01	
1602N81A0	Kindernahrung	9.48E+01	< 7.75E-02	< 6.98E-02	< 6.00E-02	< 8.16E-02	< 3.79E-01	
1603N81A0	Kindernahrung	4.90E+01	< 6.99E-02	< 7.40E-02	< 5.58E-02	< 6.38E-02	< 3.62E-01	
1604N81A0	Kindernahrung	6.47E+01	< 4.17E-02	< 3.37E-02	< 3.06E-02	< 3.89E-02	< 1.44E-01	0.0207
1605N81A0	Kindernahrung	9.67E+01	< 6.06E-02	< 5.43E-02	< 4.48E-02	< 5.29E-02	< 2.97E-01	
1606N81A0	Kindernahrung	6.76E+01	< 3.15E-02	< 2.76E-02	< 2.05E-02	< 8.37E-02	< 7.40E-02	
1607N81A0	Kindernahrung	8.93E+01	< 4.44E-02	< 4.14E-02	< 3.07E-02	< 4.66E-02	< 1.52E-01	
1608N81A0	Kindernahrung	5.01E+01	< 3.55E-02	< 2.74E-02	< 3.20E-02	< 7.52E-02	< 8.60E-02	
1609N81A0	Kindernahrung	5.59E+01	< 5.93E-02	< 4.22E-02	< 3.79E-02	< 7.24E-02	< 1.40E-01	3.73E-02
1610N81A0	Kindernahrung	5.68E+01	< 3.25E-02	< 2.44E-02	< 2.18E-02	< 8.58E-02	< 7.98E-02	
1611N81A0	Kindernahrung	4.94E+01	< 5.36E-02	< 4.27E-02	< 3.36E-02	< 6.20E-02	< 1.29E-01	
1612N81A0	Kindernahrung	6.45E+01	< 5.61E-02	< 3.87E-02	< 3.74E-02	< 6.88E-02	< 1.45E-01	

Maximalwerte:	1.41E+02	1.82E-01	1.60E-01	3.32E-01	9.18E-01	8.32E-01	4.44E-02
Minimalwerte:	4.19E+01	2.36E-02	2.00E-02	1.63E-02	3.89E-02	5.89E-02	2.07E-02
Mittelwerte :	7.96E+01	6.43E-02	5.94E-02	5.46E-02	1.06E-01	2.53E-01	3.63E-02

Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen.

2016 Radioaktivität im Trinkwasser in Bq/l

HPN	Probe	K 40	Co 60	Ru 103	I 131	Cs 134	Cs 137	Ce 144	Sr 90	U 234	U 235	U 238	Pu 238	Pu 239/40	H 3
Bremen															
1602N71A0	Trinkwasser Reinwasser	< 1.38E-01	< 6.16E-03	< 8.45E-03	< 2.74E-02	< 6.41E-03	< 6.99E-03	< 4.51E-02	< 1.38E-03	4.07E-03	< 3.07E-04	3.37E-03	< 1.76E-03	< 1.55E-03	< 3.92E+00
1605N71A0	Trinkwasser Rohwasser	1.30E-01	< 5.34E-03	< 1.06E-02	< 1.26E-01	< 5.78E-03	< 6.34E-03	< 4.71E-02	< 1.16E-03	8.17E-03	< 5.53E-04	7.24E-03	< 2.31E-03	< 5.41E-04	< 3.90E+00
1608N71A0	Trinkwasser Reinwasser	< 2.12E-01	< 5.60E-03	< 5.66E-03	< 1.46E-02	< 4.67E-03	< 1.40E-02	< 2.18E-02	< 2.16E-03	3.02E-03	< 1.50E-03	2.00E-03	< 2.02E-03	< 8.74E-04	< 3.99E+00
1611N71A0	Trinkwasser Reinwasser	< 1.73E-01	< 7.08E-03	< 1.14E-02	< 9.07E-02	< 6.93E-03	< 7.65E-03	< 4.63E-02							
Bremerhaven															
1602N72B0	Trinkwasser Reinwasser	< 8.71E-02	< 4.28E-03	< 6.03E-03	< 2.19E-02	< 4.43E-03	< 5.00E-03	< 4.51E-02	< 1.60E-03	1.98E-03	3.06E-04	1.39E-03	< 1.12E-03	< 8.81E-04	< 3.92E+00
1605N72B0	Trinkwasser Rohwasser	< 2.42E-01	< 8.64E-03	< 1.10E-02	< 8.42E-02	< 7.40E-03	< 1.45E-02	< 3.18E-02	< 1.57E-03	1.01E-03	< 1.27E-03	< 1.94E-03	< 8.80E-04	< 2.25E-04	< 3.90E+00
1608N72B0	Trinkwasser Reinwasser	< 1.41E-01	< 6.40E-03	< 1.24E-02	< 1.62E-01	< 7.22E-03	< 8.13E-03	< 6.07E-02	< 1.06E-03	1.57E-03	1.56E-04	1.42E-03	< 2.25E-03	< 6.25E-04	< 3.99E+00
1611N72B0	Trinkwasser Reinwasser	< 1.25E-01	< 7.26E-03	< 9.92E-03	< 4.78E-02	< 6.67E-03	< 7.65E-03	< 6.00E-02							
Maximalwerte:		2.42E-01	8.64E-03	1.24E-02	1.62E-01	7.40E-03	1.45E-02	6.07E-02	2.16E-03	8.17E-03	1.50E-03	7.24E-03	2.31E-03	1.55E-03	3.99E+00
Minimalwerte:		8.71E-02	4.28E-03	5.66E-03	1.46E-02	4.43E-03	5.00E-03	2.18E-02	1.06E-03	1.01E-03	1.56E-04	1.39E-03	8.80E-04	2.25E-04	3.90E+00
Mittelwerte :		1.56E-01	6.35E-03	9.43E-03	7.18E-02	6.19E-03	8.78E-03	4.47E-02	1.49E-03	3.30E-03	6.82E-04	2.89E-03	1.72E-03	7.83E-04	3.94E+00
Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!															

2016 Radioaktivität in Indikatorpflanzen in Bq/kg(TM)

HPN	Probe	K 40	Co 60	Ru 103	I 131	Cs 134	Cs 137	Ce 144	Be 7	Pb 210
Bremen										
1605I11A0	Gras	7.25E+02	< 4.34E-01	< 3.24E-01		< 2.77E-01	4.70E+00	< 1.22E+00	106	11.4
1611I11A0	Blätter	6.40E+01	< 1.39E-01	< 1.38E-01		< 1.02E-01	7.77E-01	< 4.71E-01	1.22E+02	32.1
1611I13A0	Nadeln	1.87E+02	< 1.88E-01	< 1.50E-01		< 1.26E-01	< 2.83E-01	< 5.25E-01	6.48E+01	1.62E+01
Bremerhaven										
1605I12B0	Gras	1.23E+03	< 3.82E-01	< 3.16E-01	< 1.81	< 2.42E-01	2.12E+00	< 8.91E-01		
1611I12B0	Blätter	1.42E+02	< 8.63E-02	< 6.99E-02		< 5.91E-02	3.51E-01	< 2.66E-01	107	21.9
Maximalwerte:		1.23E+03	4.34E-01	3.24E-01	1.81E+00	2.77E-01	4.70E+00	1.22E+00	1.22E+02	3.21E+01
Minimalwerte:		6.40E+01	8.63E-02	6.99E-02	1.81E+00	5.91E-02	2.83E-01	2.66E-01	6.48E+01	1.14E+01
Mittelwerte :		4.70E+02	2.46E-01	2.00E-01	1.81E+00	1.61E-01	1.65E+00	6.75E-01	1.00E+02	2.04E+01
Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!										

2016 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	Be 7	Sr 90
Bremen												
1601F31A0	Hafer	X	Finnland	1.56E+02	< 1.23E-01	< 9.43E-02	< 1.30E-01	< 9.20E-02	1.61E+00	< 7.41E-01		
1601F61A0	Ölschrot (Ölkuchen)	X	Polen	3.99E+02	< 2.24E-01	< 2.22E-01	< 7.02E-01	< 1.83E-01	5.02E-01	< 1.24E+00		
1601F62A0	Weizen	X	Ukraine	1.39E+02	< 1.19E-01	< 1.07E-01	< 1.42E-01	< 1.09E-01	< 1.22E-01	< 7.48E-01		
1603F61A0	Ölschrot (Ölkuchen)	X	Indien	2.30E+02	< 1.57E-01	< 1.41E-01	< 2.57E-01	< 1.18E-01	< 1.34E-01	< 1.04E+00		
1605F11A0	Weidegras			1.47E+02	< 5.80E-02	< 4.85E-02		< 3.80E-02	2.88E-01	< 1.54E-01		
1605F31A0	Gerste	X	Schweden	1.50E+02	< 9.50E-02	< 7.55E-02	< 1.11E-01	< 7.01E-02	< 9.00E-02	< 5.48E-01		
1605F32A0	Weizen	X	Dänemark	1.41E+02	< 9.91E-02	< 7.57E-02	< 9.91E-02	< 7.94E-02	< 9.19E-02	< 5.87E-01		
1605F61A0	Palmkernschrot	X	Indonesien	2.21E+02	< 1.52E-01	< 1.66E-01	< 5.62E-01	< 1.35E-01	3.79E-01	< 9.48E-01		
1605F62A0	Sojaschrot	X	Brasilien	7.66E+02	< 1.97E-01	< 1.63E-01	< 4.88E-01	< 1.29E-01	< 1.70E-01	< 9.46E-01		
1605F63A0	Rapsschrot	X	Polen	4.25E+02	< 2.77E-01	< 2.64E-01	< 6.29E-01	< 1.93E-01	< 2.84E-01	< 1.53E+00		
1608F31A0	Maiskörner	X	Polen	1.25E+02	< 5.09E-02	< 4.20E-02	< 5.87E-02	< 3.93E-02	8.44E-02	< 3.07E-01		
1609F31A0	Hafer	X	Vereinigtes Königreich	1.39E+02	< 1.09E-01	< 9.08E-02	< 1.49E-01	< 8.27E-02	< 9.85E-02	< 6.71E-01		
1609F61A0	Ölschrot (Ölkuchen)	X	Malaysia	2.33E+02	< 1.63E-01	< 1.13E-01	< 1.37E-01	< 1.10E-01	< 2.27E-01	< 5.12E-01		
1609F62A0	Ölschrot (Ölkuchen)	X	Brasilien	6.34E+02	< 2.21E-01	< 1.68E-01	< 3.36E-01	< 1.57E-01	< 1.94E-01	< 1.07E+00		
1609F63A0	Ölschrot (Ölkuchen)	X	Ungarn	2.48E+02	< 1.51E-01	< 1.23E-01	< 1.88E-01	< 1.18E-01	< 1.45E-01	< 8.81E-01		
1609F64A0	Ölschrot (Ölkuchen)	X	Ukraine	2.05E+02	< 1.08E-01	< 9.63E-02	< 1.38E-01	< 8.64E-02	1.13E-01	< 6.77E-01		
1610F31A0	Maiskörner		Deutschland	1.30E+02	< 9.51E-02	< 1.10E-01	< 4.47E-01	< 8.42E-02	< 1.02E-01	< 6.47E-01		
1610F32A0	Maiskörner			1.08E+02	< 1.74E-01	< 1.89E-01	< 1.18E+00	< 1.38E-01	< 1.53E-01	< 1.11E+00		
1611F31A0	Hafer			1.98E+02	< 1.03E-01	< 9.93E-02	< 2.06E-01	< 8.28E-02	1.86E-01	< 6.24E-01		
1611F41A0	Gehaltsfuttermübe			8.58E+02	< 4.16E-01	< 4.85E-01	< 2.29E+00	< 3.39E-01	< 5.73E-01	< 2.34E+00		
1612F31A0	Hafer	X	Finnland	1.24E+02	< 6.16E-02	< 5.93E-02	< 1.04E-01	< 5.47E-02	8.49E-01	< 3.51E-01		
1612F61A0	Ölschrot (Ölkuchen)	X	Indonesien	2.03E+02	< 8.75E-02	< 8.48E-02	< 1.86E-01	< 7.32E-02	8.31E-02	< 4.81E-01		
Bremerhaven												
1605F12B0	Weidegras			83.7	< 0.075	< 0.0604		< 0.048	0.704	< 0.186		0.297

Maximalwerte:			8.58E+02	4.16E-01	4.85E-01	2.29E+00	3.39E-01	1.61E+00	2.34E+00	0.00E+00	2.97E-01
Minimalwerte:			8.37E+01	5.09E-02	4.20E-02	5.87E-02	3.80E-02	8.31E-02	1.54E-01	0.00E+00	2.97E-01
Mittelwerte :			2.64E+02	1.44E-01	1.34E-01	4.07E-01	1.11E-01	3.12E-01	7.97E-01		2.97E-01

Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!

2016 Radioaktivität in Böden in 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											
1605B31A0	Ackerböden	2.70E+02	< 1.26E-01	< 1.28E-01	< 1.84E-01	< 1.60E-01	6.55E+00	< 1.10E+00	2.80E+00	< 2.06E+01	8.78E-01
1605B32A0	Ackerböden	2.87E+02	< 2.26E-01	< 2.11E-01	< 2.58E-01	< 1.81E-01	7.04E+00	< 1.68E+00	8.45E+00	3.26E+01	9.99E-01
1605B33A0	Ackerböden	3.03E+02	< 1.08E-01	< 1.35E-01	< 6.64E-01	< 9.51E-02	8.32E+00	< 8.14E-01	3.68E+00	2.43E+01	
1608B31A0	Weideböden	2.13E+02	< 4.92E-02	< 8.18E-02	< 8.51E-01	< 4.83E-02	8.36E+00	< 4.28E-01	< 6.48E-01	< 5.71E+00	
1608B32A0	Weideböden	6.45E+02	< 1.80E-01	< 1.70E-01	< 2.11E-01	< 1.66E-01	1.83E+01	< 1.41E+00	1.47E+00	4.46E+01	
Maximalwerte:		6.45E+02	2.26E-01	2.11E-01	8.51E-01	1.81E-01	1.83E+01	1.68E+00	8.45E+00	4.46E+01	9.99E-01
Minimalwerte:		2.13E+02	4.92E-02	8.18E-02	1.84E-01	4.83E-02	6.55E+00	4.28E-01	6.48E-01	5.71E+00	8.78E-01
Mittelwerte :		3.44E+02	1.38E-01	1.45E-01	4.34E-01	1.30E-01	9.71E+00	1.09E+00	3.41E+00	2.56E+01	9.39E-01
Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!											

2016 Radioaktivität im Grundwasser in 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															
1605G41A0	Grundwasser	< 1.13E-01	< 6.27E-03	< 7.53E-03	< 1.60E-02	< 6.01E-03	< 7.15E-03	< 4.54E-02	< 4.01E+00	< 1.87E-03	< 2.56E-03	< 1.65E-03	< 1.63E-03	< 1.37E-03	
1611G41A0	Grundwasser	< 1.27E-01	< 7.33E-03	< 8.85E-03	< 2.43E-02	< 7.40E-03	< 7.33E-03	< 5.75E-02	< 3.94E+00	< 2.24E-03	1.74E-03	< 2.56E-04	1.10E-03	< 1.04E-03	< 8.10E-04
Bremerhaven															
1605G42B0	Grundwasser	< 3.08E-01	< 1.21E-02	< 1.56E-02	< 9.68E-02	< 1.02E-02	< 1.40E-02	< 4.81E-02	< 3.90E+00	< 1.27E-03	1.89E-03	3.09E-04	1.63E-03	< 1.55E-03	< 1.62E-03
1611G42B0	Grundwasser	1.95E-01	< 6.21E-03	< 9.00E-03	< 4.30E-02	< 6.08E-03	< 6.80E-03	< 5.19E-02	< 3.94E+00	2.56E-03	1.81E-03	2.65E-04	1.64E-03	< 8.32E-04	< 6.48E-04
Maximalwerte:		3.08E-01	1.21E-02	1.56E-02	9.68E-02	1.02E-02	1.40E-02	5.75E-02	4.01E+00	2.56E-03	2.56E-03	1.65E-03	1.64E-03	1.55E-03	1.62E-03
Minimalwerte:		1.13E-01	6.21E-03	7.53E-03	1.60E-02	6.01E-03	6.80E-03	4.54E-02	3.90E+00	1.27E-03	1.74E-03	2.56E-04	1.10E-03	8.32E-04	6.48E-04
Mittelwerte :		1.86E-01	7.98E-03	1.02E-02	4.50E-02	7.42E-03	8.82E-03	5.07E-02	3.95E+00	1.99E-03	2.00E-03	6.20E-04	1.50E-03	1.20E-03	1.03E-03
Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!															

2016 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	Sr 90	Pb 210	U 234	U 235	U 238	Pu 238	Pu 23940
Bremen																	
1603G11A0	Oberflächenwasser	1.83E-01	< 6.60E-03	< 1.89E-02	< 7.24E-01	< 6.59E-03	< 7.52E-03	< 5.72E-02	< 3.93E+00	< 1.23E-01	3.36E-03	< 2.17E-01	2.21E-03	< 6.59E-04	1.89E-03	< 2.37E-03	< 2.71E-03
1606G11A0	Oberflächenwasser	< 2.70E-01	< 1.01E-02	< 1.49E-02	< 1.30E-01	< 7.91E-03	< 1.40E-02	< 3.78E-02	< 3.92E+00	< 1.08E-01	1.96E-03	< 7.47E-01	1.65E-03	< 8.23E-04	1.50E-03	< 1.41E-03	
1609G11A0	Oberflächenwasser	1.66E-01	< 5.31E-03	< 2.04E-02	< 2.27E+00	< 5.77E-03	< 5.66E-03	< 4.93E-02	< 4.00E+00	< 1.32E-01		< 2.02E-01					
1612G11A0	Oberflächenwasser	1.44E-01	< 4.72E-03	< 1.40E-02	< 6.29E-01	< 4.89E-03	< 5.33E-03	< 4.51E-02	< 3.95E+00	< 9.04E-02		< 1.77E-01					
1603G13A0	Sediment	3.19E+02	< 8.91E-01	< 1.23E+00	< 3.35E+00	< 1.38E+00	2.65E+01	< 9.65E+00		1.53E+02		< 2.90E+02					
1606G13A0	Sediment	2.44E+02	< 1.86E-01	< 1.83E-01	< 3.26E-01	< 1.71E-01	5.46E+00	< 1.62E+00		6.48E+01		6.88E+01					
1609G13A0	Sediment	3.74E+02	< 2.92E-01	< 2.99E-01	< 4.79E-01	< 2.71E-01	7.54E+00	< 2.52E+00		9.11E+01		2.32E+02					
1612G13A0	Sediment	2.11E+02	< 2.15E-01	< 2.63E-01	< 6.74E-01	< 2.22E-01	1.08E+01	< 2.05E+00		5.01E+01		1.76E+02					
Bremerhaven																	
1603G12B0	Oberflächenwasser	1.10E-01	< 5.50E-03	< 1.77E-02	< 2.31E+00	< 5.14E-03	< 6.44E-03	< 4.96E-02	< 3.93E+00	< 1.29E-01	4.57E-03	< 1.87E-01	< 4.74E-03	< 3.77E-03	< 3.14E-03	< 3.40E-03	< 8.68E-04
1606G12B0	Oberflächenwasser	< 2.17E-01	< 1.11E-02	< 3.72E-02	< 2.01E+00	< 1.54E-02	< 1.57E-02	< 1.34E-01	< 3.93E+00	< 2.82E-01	4.21E-03	< 5.16E-01	< 7.63E-04	< 1.41E-03	< 7.80E-04	< 1.09E-03	< 1.02E-03
1609G12B0	Oberflächenwasser	< 1.16E-01	< 5.80E-03	< 2.02E-02	< 1.88E+00	< 6.23E-03	< 6.50E-03	< 5.84E-02	< 3.99E+00	< 1.36E-01		< 2.19E-01					
1612G12B0	Oberflächenwasser	1.31E-01	< 4.73E-03	< 1.55E-02	< 8.74E-01	< 4.65E-03	< 5.30E-03	< 3.42E-02	< 3.96E+00	< 9.87E-02		< 2.12E-01					
1603G14B0	Sediment	5.07E+02	< 4.65E-01	< 5.16E-01	< 7.75E-01	< 4.52E-01	9.01E+00	< 4.97E+00		1.79E+02		2.11E+02					
1606G14B0	Sediment	5.62E+02	< 2.73E-01	< 2.60E-01	< 3.97E-01	< 2.31E-01	1.14E+01	< 2.22E+00		1.47E+02		1.84E+02					
1609G14B0	Sediment	3.13E+02	< 8.57E-01	< 1.05E+00	< 2.99E+00	< 8.42E-01	1.71E+01	< 7.54E+00		1.09E+02		2.49E+02					
1612G14B0	Sediment	4.48E+02	< 1.79E-01	< 1.82E-01	< 2.72E-01	< 1.72E-01	9.13E+00	< 1.41E+00		9.53E+01		1.05E+02					
Maximalwerte:																	
		5.62E+02	8.91E-01	1.23E+00	3.35E+00	1.38E+00	2.65E+01	9.65E+00	4.00E+00	1.79E+02	4.57E-03	2.90E+02	4.74E-03	3.77E-03	3.14E-03	3.40E-03	2.71E-03
Minimalwerte:		1.83E-01	6.60E-03	1.89E-02	2.72E-01	6.59E-03	7.52E-03	5.72E-02	3.93E+00	1.23E-01	3.36E-03	2.17E-01	2.21E-03	6.59E-04	1.89E-03	2.37E-03	2.71E-03
Mittelwerte :		1.86E+02	2.13E-01	2.59E-01	1.26E+00	2.37E-01	6.06E+00	2.03E+00	3.95E+00	5.56E+01	3.53E-03	94.89231	2.34E-03	1.67E-03	1.83E-03	2.07E-03	1.53E-03
Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!																	

2016 Radioaktivität 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	Be 7	Pb 210	H 3
Bremen											
1604A21A0	Sonstiges	2.16E+02	< 1.73E-01	< 1.76E-01	9.89E+00	< 1.85E-01	4.46E+00	< 1.29E+00			
1604A22A0	Kesselasche	5.08E+02	< 1.54E-01	< 1.50E-01	< 2.16E-01	< 1.95E-01	6.91E+00	< 1.31E+00	2.19E+01		
1604A23A0	Kesselasche	1.25E+03	< 2.62E-01	< 2.53E-01	< 4.61E-01	< 2.89E-01	2.55E+01	< 1.77E+00			
1604A24A0	Roh-Schlacke mit Filterstaub	1.99E+02	< 2.53E-01	< 2.89E-01	< 5.76E-01	< 3.59E-01	8.99E-01	< 2.42E+00			
1610A21A0	Sonstiges	1.33E+02	< 1.24E-01	< 1.13E-01	3.78E+00	< 1.01E-01	2.19E+00	< 8.36E-01			
1610A22A0	Kesselasche	5.98E+02	< 1.64E-01	< 1.49E-01	< 3.30E-01	< 1.31E-01	7.13E+00	< 1.11E+00			
1610A23A0	Kesselasche	1.16E+03	< 3.13E-01	< 2.57E-01	< 3.42E-01	< 2.45E-01	2.52E+01	< 1.88E+00			
1610A24A0	Roh-Schlacke mit Filterstaub	2.05E+02	< 1.11E-01	< 1.12E-01	< 2.16E-01	< 1.02E-01	6.68E-01	< 9.11E-01			
1604A41A0	Kompost	3.64E+02	< 2.11E-01	< 2.23E-01	< 3.31E-01	< 2.62E-01	8.03E+00	< 1.60E+00	< 2.00E+00	6.81E+01	
1610A41A0	Kompost	4.74E+02	< 8.74E-02	< 9.38E-02	< 3.75E-01	< 7.09E-02	6.73E+00	< 5.96E-01			
Bremerhaven											
1604A25B0	Roh-Schlacke mit Filterstaub	3.48E+02	< 2.08E-01	< 1.71E-01	< 2.28E-01	< 1.57E-01	1.85E+00	< 1.43E+00	1.25E+01	3.56E+01	
1604A26B0	Rückstände aus Schadgasreinigung	6.49E+01	< 1.24E-01	< 1.12E-01	1.49E+00	< 1.02E-01	5.35E-01	< 9.60E-01	1.91E+00	3.76E+01	
1604A27B0	Elektro-Filterstaub	2.21E+03	< 2.96E-01	< 2.11E-01	< 2.64E-01	< 1.95E-01	3.30E+01	< 1.59E+00	2.26E+01	2.35E+02	
1604A28B0	Waschwasser	1.47E+01	< 9.98E-02	< 1.43E-01	1.44E+00	< 1.16E-01	< 1.21E-01	< 1.04E+00			
1610A25B0	Roh-Schlacke mit Filterstaub	2.16E+02	< 2.01E-01	< 2.01E-01	< 3.61E-01	< 1.76E-01	8.75E-01	< 1.65E+00			
1610A26B0	Rückstände aus Schadgasreinigung	4.33E+01	< 2.20E-01	< 2.36E-01	7.69E+01	< 2.07E-01	6.83E-01	< 2.68E+00			
1610A27B0	Elektro-Filterstaub	1.51E+03	< 3.38E-01	< 2.37E-01	< 2.85E-01	< 2.36E-01	2.76E+01	< 1.24E+00			
1610A28B0	Waschwasser	1.29E+01	< 4.39E-02	< 4.66E-02	1.67E+01	< 4.12E-02	5.85E-02	< 4.28E-01			
1604A31B0	Sickerwasser Deponie	4.43E+01	< 2.94E-02	< 2.69E-02	< 4.18E-02	< 2.32E-02	2.99E-01	< 2.02E-01	< 2.26E-01	< 1.17E+00	1.19E+01
1610A31B0	Sickerwasser Deponie	3.56E+01	< 2.92E-02	< 2.60E-02	< 4.15E-02	< 2.52E-02	1.80E-01	< 2.05E-01			1.42E+01
Maximalwerte:		2.21E+03	3.38E-01	2.89E-01	7.69E+01	3.59E-01	3.30E+01	2.68E+00	2.26E+01	2.35E+02	1.42E+01
Minimalwerte:		1.29E+01	2.92E-02	2.60E-02	4.15E-02	2.32E-02	5.85E-02	2.02E-01	2.26E-01	1.17E+00	1.19E+01
Mittelwerte :		4.80E+02	1.72E-01	1.61E-01	5.71E+00	1.61E-01	7.65E+00	1.26E+00	1.02E+01	7.55E+01	1.31E+01
Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!											

2016 Radioaktivität in KA-Abwasser in Bq/l und Klärschlamm in 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	U 234	U 235	U 238	Pu 238	Pu 23940
Bremen																
1602A11A0	Abwasser	< 1.23E+00	< 6.44E-02	< 6.75E-02	2.13E-01	< 6.88E-02	< 7.37E-02	< 5.18E-01	< 6.01E-01		< 0.0149	4.11E-03	< 2.53E-03	2.54E-03	< 3.42E-03	< 3.35E-03
1602A13A0	Klärschlamm	1.81E+02	< 1.07E+00	< 1.09E+00	4.13E+01	< 9.75E-01	< 1.25E+00	< 1.01E+01	91.6	< 68.3	1.61				< 0.458	< 0.315
1605A11A0	Abwasser	< 2.44E+00	< 9.91E-02	< 8.27E-02	< 1.37E-01	< 8.67E-02	< 1.39E-01	< 3.83E-01								
1605A13A0	Klärschlamm	4.18E+02	< 2.60E+00	< 1.96E+00	1.04E+02	< 2.04E+00	< 5.56E+00	< 1.05E+01	207	< 226						
1608A11A0	Abwasser	9.66E-01	< 2.58E-02	< 2.76E-02	1.46E-01	< 2.27E-02	< 2.86E-02	< 1.96E-01	< 2.32E-01	< 1.19	< 0.0233	3.93E-03	< 1.64E-03	3.34E-03	< 6.56E-03	< 1.73E-03
1608A13A0	Klärschlamm	1.66E+02	< 1.03E+00	< 9.95E-01	4.97E+01	< 8.94E-01	1.81E+00	< 7.99E+00	133	7.35E+01	< 1.74	13.3	< 0.92	9.08	< 0.963	< 0.773
1611A11A0	Abwasser	< 5.94E-01	< 2.67E-02	< 2.71E-02	1.94E-01	< 2.60E-02	< 2.87E-02	< 2.22E-01								
1611A13A0	Klärschlamm	3.37E+02	< 1.04E+00	< 1.25E+00	8.88E+01	< 1.05E+00	< 1.84E+00	< 9.51E+00	7.28E+01	< 58.6						
Bremerhaven																
1602A12B0	Abwasser	1.26E+00	< 3.32E-02	< 3.25E-02	< 7.28E-02	< 2.81E-02	< 3.40E-02	< 2.50E-01	< 2.76E-01		< 0.014	< 2.51E-02	< 1.59E-02	< 1.14E-02	< 4.31E-03	< 5.57E-03
1602A14B0	Klärschlamm	5.01E+02	< 2.19E+00	< 2.11E+00	7.85E+01	< 1.84E+00	3.38E+00	< 1.67E+01	197	< 1.50E+02	1.36	16.6	0.769	15.1	< 1.15	< 0.936
1605A12B0	Abwasser	9.22E-01	< 2.38E-02	< 2.81E-02	2.15E-01	< 2.39E-02	< 2.69E-02	< 2.44E-01	< 2.39E-01	< 1.53						
1605A14B0	Klärschlamm	2.75E+02	< 5.45E-01	< 5.05E-01	7.85E+01	< 4.56E-01	1.19E+00	< 4.17E+00	69.7	< 44.6						
1608A12B0	Abwasser	9.75E-01	< 2.63E-02	< 2.89E-02	< 4.45E-02	< 2.53E-02	< 3.08E-02	< 2.22E-01			< 1.36E-02	3.12E-03	< 1.35E-03	3.72E-03		
1608A14B0	Klärschlamm	2.14E+02	< 1.23E+00	< 1.15E+00	8.46E+00	< 1.07E+00	< 1.38E+00	< 9.42E+00	1.00E+02	< 7.91E+01	< 1.23	12.9	< 0.812	10.8	< 0.772	< 0.481
1611A12B0	Abwasser	1.35E+00	< 7.54E-02	< 8.65E-02	< 1.58E-01	< 6.92E-02	< 8.64E-02	< 6.79E-01								
1611A14B0	Klärschlamm	3.66E+02	< 9.50E-01	< 1.04E+00	2.18E+01	< 9.50E-01	< 1.22E+00	< 8.43E+00	7.00E+01	< 74						
Maximalwerte:		5.01E+02	2.60E+00	2.11E+00	1.04E+02	2.04E+00	5.56E+00	1.67E+01	2.07E+02	2.26E+02	1.74E+00	1.66E+01	9.20E-01	1.51E+01	1.15E+00	9.36E-01
Minimalwerte:		1.23E+00	6.44E-02	6.75E-02	2.13E-01	6.88E-02	7.37E-02	5.18E-01	6.01E-01	7.40E+01	1.49E-02	4.11E-03	2.53E-03	2.54E-03	3.42E-03	3.35E-03
Mittelwerte :		1.54E+02	6.89E-01	6.55E-01	2.95E+01	6.02E-01	1.13E+00	4.97E+00	7.85E+01	7.77E+01	7.51E-01	6.12E+00	3.60E-01	5.00E+00	4.80E-01	3.59E-01
Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!																