

2014 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	Be 7
Bremen												
1401N11A0	Milch ab Hof			5.29E+01	< 6.41E-02	< 5.63E-02	< 7.96E-02	< 5.19E-02	7.91E-01	< 5.08E-01	2.40E-02	
1402N11A0	Milch ab Hof			4.44E+01	< 7.44E-02	< 7.07E-02	< 8.56E-02	< 6.83E-02	1.41E-01	< 4.71E-01	< 3.03E-02	
1403N11A0	Milch ab Hof			3.99E+01	< 8.50E-02	< 8.43E-02	< 1.75E-01	< 7.12E-02	< 9.88E-02	< 5.52E-01	2.32E-02	
1404N11A0	Milch ab Hof			4.64E+01	< 7.12E-02	< 6.97E-02	< 9.00E-02	< 6.20E-02	1.46E-01	< 6.18E-01	< 1.91E-02	
1405N11A0	Milch ab Hof			4.81E+01	< 7.53E-02	< 6.74E-02	< 7.20E-02	< 6.60E-02	2.54E-01	< 4.81E-01	< 2.12E-02	
1406N11A0	Milch ab Hof			4.14E+01	< 7.19E-02	< 6.71E-02	< 7.13E-02	< 6.50E-02	< 7.42E-02	< 4.63E-01	8.74E-02	
1407N11A0	Milch ab Hof			4.89E+01	< 7.28E-02	< 8.15E-02	< 1.39E-01	< 6.63E-02	7.94E-01	< 5.09E-01	2.29E-02	
1408N11A0	Milch ab Hof			5.25E+01	< 4.39E-02	< 4.44E-02	< 7.95E-02	< 3.74E-02	5.40E-02	< 3.46E-01	< 1.65E-02	
1409N11A0	Milch ab Hof			4.98E+01	< 7.80E-02	< 7.01E-02	< 8.27E-02	< 6.82E-02	4.63E-01	< 6.24E-01	1.94E-02	
1410N11A0	Milch ab Hof			5.06E+01	< 4.61E-02	< 4.56E-02	< 6.91E-02	< 4.04E-02	< 5.68E-02	< 3.83E-01	< 3.80E-02	
1411N11A0	Milch ab Hof			5.38E+01	< 4.87E-02	< 4.75E-02	< 6.82E-02	< 4.04E-02	2.53E-01	< 3.83E-01	< 1.86E-02	
1412N11A0	Milch ab Hof			4.71E+01	< 3.77E-02	< 3.67E-02	< 4.37E-02	< 3.34E-02	1.94E-01	< 2.55E-01	2.54E-02	
1401N21A0	Kopfsalat	X	Spanien	6.08E+01	< 7.11E-02	< 7.12E-02	< 8.73E-02	< 6.72E-02	< 7.75E-02	< 6.22E-01		
1404N21A0	Spinat			3.15E+02	< 1.85E-01	< 1.42E-01	< 1.49E-01	< 1.32E-01	< 1.66E-01	< 1.45E+00	0.248	
1406N21A0	Kopfsalat			7.59E+01	< 1.60E-01	< 1.51E-01	< 1.66E-01	< 1.35E-01	< 1.49E-01	< 9.91E-01		
1407N21A0	Weißkohl, Spitzkohl			7.50E+01	< 1.12E-01	< 1.28E-01	< 2.29E-01	< 1.11E-01	< 1.18E-01	< 9.30E-01		
1409N21A0	Porree			6.47E+01	< 5.70E-02	< 5.68E-02	< 6.47E-02	< 5.39E-02	< 6.50E-02	< 4.86E-01		
1412N21A0	Grünkohl			1.82E+02	< 1.32E-01	< 1.16E-01	< 1.41E-01	< 1.12E-01	< 2.02E-01	< 1.26E+00		
1408N21A0	Rote Bete			9.67E+01	< 5.59E-02	< 5.83E-02	< 1.19E-01	< 4.91E-02	7.69E-02	< 4.54E-01		
1407N22A0	Erbse ohne Schote			7.32E+01	< 8.91E-02	< 8.70E-02	< 1.11E-01	< 7.81E-02	< 9.19E-02	< 7.02E-01		
1408N23A0	Bohne grüne			6.54E+01	< 7.09E-02	< 7.75E-02	< 1.50E-01	< 6.50E-02	< 7.25E-02	< 4.79E-01		
1402N21A0	Zwiebel	X	unbekanntes Ausla	4.20E+01	< 1.12E-01	< 1.13E-01	< 2.13E-01	< 1.01E-01	< 1.13E-01	< 9.56E-01		
1405N21A0	Kohlrabi			1.15E+02	< 9.76E-02	< 1.12E-01	< 3.02E-01	< 8.68E-02	< 9.77E-02	< 6.35E-01	0.0745	
1407N23A0	Blumenkohl			5.83E+01	< 1.06E-01	< 1.05E-01	< 1.45E-01	< 1.02E-01	< 1.12E-01	< 9.36E-01	0.0161	
1403N21A0	Kartoffel festkochend	X	Niederlande	1.23E+02	< 4.70E-02	< 4.13E-02	< 5.59E-02	< 3.99E-02	< 4.96E-02	< 2.92E-01		
1404N22A0	Kartoffel früh	X	Ägypten	1.13E+02	< 1.65E-01	< 1.44E-01	< 2.29E-01	< 1.23E-01	< 1.37E-01	< 1.08E+00		
1409N22A0	Kartoffeln			1.20E+02	< 4.90E-02	< 4.47E-02	< 6.01E-02	< 4.02E-02	< 6.07E-02	< 3.56E-01		
1402N31A0	Weizenkörner	X	Tschechische Repu	1.08E+02	< 9.18E-02	< 8.02E-02	< 9.36E-02	< 7.96E-02	< 9.29E-02	< 7.15E-01		
1402N32A0	Roggenkörner	X	Polen	1.27E+02	< 1.17E-01	< 9.87E-02	< 1.44E-01	< 9.72E-02	< 1.16E-01	< 6.60E-01		
1406N31A0	Weizenkörner			1.09E+02	< 4.75E-02	< 4.27E-02	< 5.57E-02	< 4.10E-02	< 4.95E-02	< 2.97E-01		
1408N31A0	Weizenkörner			1.11E+02	< 4.16E-02	< 3.85E-02	< 5.29E-02	< 3.47E-02	< 4.00E-02	< 3.20E-01		
1409N31A0	Roggenkörner			1.27E+02	< 5.64E-02	< 4.81E-02	< 6.02E-02	< 4.58E-02	< 6.50E-02	< 4.09E-01		
1410N31A0	Roggenkörner			1.18E+02	< 1.00E-01	< 8.75E-02	< 1.14E-01	< 8.25E-02	< 1.51E-01	< 7.62E-01		
1407N41A0	Süßkirsche			4.44E+01	< 3.44E-02	< 4.80E-02	< 3.13E-01	< 2.94E-02	< 3.64E-02	< 3.07E-01		
1409N42A0	Pflaume			6.11E+01	< 3.77E-02	< 3.69E-02	< 4.49E-02	< 3.42E-02	< 3.85E-02	< 2.52E-01		
1407N42A0	Johannisbeere rot			2.80E+01	< 6.33E-02	< 9.46E-02	< 4.84E-01	< 6.39E-02	< 6.91E-02	< 4.53E-01		
1407N43A0	Stachelbeere			5.00E+01	< 5.35E-02	< 7.72E-02	< 4.37E-01	< 4.91E-02	< 5.67E-02	< 4.88E-01		
1411N41A0	Tafelweintraube weiß	X	Italien	4.88E+01	< 6.80E-02	< 6.58E-02	< 1.13E-01	< 5.47E-02	< 6.25E-02	< 5.38E-01		
1401N41A0	Orange	X	Spanien	6.90E+01	< 1.24E-01	< 1.49E-01	< 5.10E-01	< 1.08E-01	< 1.31E-01	< 1.10E+00		
1402N41A0	Orange	X	Spanien	4.66E+01	< 6.03E-02	< 6.47E-02	< 8.51E-02	< 5.65E-02	< 6.47E-02	< 5.46E-01		
1402N51A0	Rind			1.07E+02	< 1.63E-01	< 1.45E-01	< 3.40E-01	< 1.15E-01	< 1.40E-01	< 1.05E+00		
1403N51A0	Roastbeef Rind	X	Uruguay	7.46E+01	< 8.92E-02	< 8.30E-02	< 9.83E-02	< 7.74E-02	< 9.15E-02	< 5.63E-01		
1406N51A0	Falsches Filet Rind			9.42E+01	< 1.38E-01	< 1.26E-01	< 1.63E-01	< 1.25E-01	< 1.37E-01	< 8.84E-01		
1408N51A0	Falsches Filet Rind			1.02E+02	< 8.65E-02	< 8.05E-02	< 1.20E-01	< 6.81E-02	4.21E-01	< 6.56E-01		
1410N51A0	Rind	X	Irland	1.28E+02	< 1.23E-01	< 1.13E-01	< 1.56E-01	< 9.44E-02	< 1.25E-01	< 8.63E-01		
1411N51A0	Rind			1.00E+02	< 8.67E-02	< 7.43E-02	< 8.96E-02	< 6.63E-02	< 8.09E-02	< 5.98E-01		
1412N51A0	Rind			1.11E+02	< 8.35E-02	< 7.74E-02	< 8.55E-02	< 7.35E-02	1.74E-01	< 5.89E-01		

2014 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	Be 7
Bremen												
1402N52A0	Oberschale Kalb			1.09E+02	< 1.12E-01	< 9.34E-02	< 1.52E-01	< 9.05E-02	4.20E-01	< 7.62E-01		
1403N52A0	Kalb	X	Niederlande	9.05E+01	< 1.54E-01	< 1.35E-01	< 1.86E-01	< 1.19E-01	< 1.50E-01	< 8.40E-01		
1406N52A0	Kalb			1.10E+02	< 1.48E-01	< 1.33E-01	< 1.60E-01	< 1.10E-01	< 1.39E-01	< 1.01E+00		
1411N52A0	Kalb	X	Niederlande	1.16E+02	< 8.07E-02	< 7.35E-02	< 8.38E-02	< 6.65E-02	3.45E-01	< 5.81E-01		
1402N53A0	Filet Schwein			1.11E+02	< 1.15E-01	< 9.79E-02	< 1.28E-01	< 9.11E-02	1.02E-01	< 8.51E-01		
1403N53A0	Schwein	X	Österreich	9.08E+01	< 1.56E-01	< 1.35E-01	< 2.30E-01	< 1.17E-01	1.98E-01	< 1.12E+00		
1402N54A0	Ente			8.08E+01	< 1.85E-01	< 2.08E-01	< 3.00E-01	< 2.14E-01	< 2.22E-01	< 1.64E+00		
1402N91A0	Bergkäse Vollfettstufe	X	Österreich	2.08E+01	< 7.60E-02	< 7.76E-02	< 1.07E-01	< 7.09E-02	< 1.19E-01	< 5.14E-01		
1403N54A0	Brust Gans	X	Polen	7.17E+01	< 8.87E-02	< 7.60E-02	< 9.62E-02	< 7.02E-02	< 8.57E-02	< 6.13E-01		
1404N52A0	Kamm Schwein			1.00E+02	< 9.24E-02	< 8.31E-02	< 1.23E-01	< 7.77E-02	< 9.07E-02	< 5.53E-01		
1405N51A0	Schwein			7.11E+01	< 7.08E-02	< 7.34E-02	< 1.23E-01	< 6.63E-02	< 7.59E-02	< 4.77E-01		
1408N52A0	Oberschale Schwein			1.12E+02	< 8.82E-02	< 8.10E-02	< 1.15E-01	< 7.00E-02	6.91E-01	< 5.39E-01		
1408N91A0	Hartkäse Rahmstufe	X	Italien	2.83E+01	< 4.00E-02	< 4.55E-02	< 9.88E-02	< 3.70E-02	< 4.70E-02	< 3.60E-01		
1410N53A0	Schwein	X	Dänemark	1.22E+02	< 1.37E-01	< 1.24E-01	< 1.90E-01	< 1.12E-01	< 1.40E-01	< 1.01E+00		
1410N54A0	Gänse			5.80E+01	< 8.71E-02	< 8.11E-02	< 1.31E-01	< 7.24E-02	< 8.64E-02	< 6.41E-01		
1410N55A0	Puten	X	Polen	8.90E+01	< 1.11E-01	< 1.08E-01	< 1.79E-01	< 9.89E-02	< 1.12E-01	< 7.50E-01		
1411N53A0	Schwein			1.16E+02	< 1.41E-01	< 1.33E-01	< 1.99E-01	< 1.20E-01	< 1.49E-01	< 9.54E-01		
1412N52A0	Schwein			9.04E+01	< 1.01E-01	< 9.82E-02	< 1.10E-01	< 9.09E-02	< 1.03E-01	< 6.11E-01		
Bremerhaven												
1401N51B0	Schinken Schwein			1.24E+02	< 9.04E-02	< 7.41E-02	< 9.29E-02	< 7.45E-02	1.35E-01	< 6.60E-01		
1401N61B0	Seelachs	X	Norwegen	1.21E+02	< 1.01E-01	< 1.30E-01	< 6.37E-01	< 8.26E-02	2.26E-01	< 7.67E-01		
1402N61B0	Leng	X	von/nach See	1.01E+02	< 1.05E-01	< 9.48E-02	< 1.19E-01	< 8.85E-02	3.07E-01	< 6.44E-01		
1403N61B0	Kabeljau	X	von/nach See	1.01E+02	< 8.58E-02	< 7.88E-02	< 9.51E-02	< 7.34E-02	2.45E-01	< 6.19E-01		
1404N51B0	Rind			7.78E+01	< 7.65E-02	< 7.06E-02	< 1.12E-01	< 6.46E-02	2.61E-01	< 4.71E-01		
1404N61B0	Kabeljau	X	von/nach See	4.67E+01	< 1.12E-01	< 1.19E-01	< 1.82E-01	< 9.61E-02	< 1.28E-01	< 7.15E-01		
1405N61B0	Scholle	X	Dänemark	8.93E+01	< 1.05E-01	< 1.01E-01	< 1.58E-01	< 9.26E-02	< 1.05E-01	< 8.18E-01		
1406N41B0	Erdbeere			3.43E+01	< 7.31E-02	< 9.02E-02	< 2.92E-01	< 6.39E-02	< 7.14E-02	< 4.94E-01		
1406N53B0	Oberschale Schwein			1.09E+02	< 9.01E-02	< 1.15E-01	< 5.85E-01	< 7.94E-02	1.90E-01	< 5.74E-01		
1406N61B0	Hering	X	von/nach See	8.90E+01	< 3.14E-02	< 4.29E-02	< 2.60E-01	< 2.66E-02	1.01E-01	< 2.49E-01		
1407N61B0	Pollack	X	von/nach See	6.50E+01	< 2.19E-01	< 2.09E-01	< 2.77E-01	< 1.99E-01	< 2.22E-01	< 1.72E+00		
1408N22B0	Mohrrübe; Karotte; Möhre			5.74E+01	< 9.14E-02	< 9.48E-02	< 1.42E-01	< 8.00E-02	< 9.33E-02	< 5.76E-01		
1408N32B0	Weizenkörner			1.08E+02	< 1.50E-01	< 1.30E-01	< 1.85E-01	< 1.12E-01	< 1.35E-01	< 9.75E-01		
1408N61B0	Seelachs	X	Norwegen	1.25E+02	< 1.36E-01	< 1.42E-01	< 2.92E-01	< 1.27E-01	2.07E-01	< 1.00E+00		
1409N32B0	Roggenkörner			1.33E+02	< 1.05E-01	< 8.90E-02	< 1.11E-01	< 8.41E-02	< 1.01E-01	< 7.22E-01		
1409N41B0	Apfel			4.11E+01	< 7.30E-02	< 6.42E-02	< 7.87E-02	< 6.16E-02	< 6.68E-02	< 5.44E-01		
1409N61B0	Kabeljau	X	von/nach See	7.15E+01	< 1.32E-01	< 1.23E-01	< 1.49E-01	< 1.10E-01	1.43E-01	< 8.24E-01		
1410N21B0	Kartoffeln			1.27E+02	< 9.71E-02	< 9.31E-02	< 1.18E-01	< 8.21E-02	< 1.02E-01	< 7.11E-01		
1410N52B0	Kalb			1.18E+02	< 1.62E-01	< 1.49E-01	< 3.12E-01	< 1.25E-01	3.53E-01	< 1.10E+00		
1410N61B0	Kabeljau	X	Norwegen	9.57E+01	< 1.41E-01	< 1.28E-01	< 1.44E-01	< 1.23E-01	< 1.54E-01	< 1.09E+00		
1411N42B0	Banane	X	Kolumbien	1.01E+02	< 9.39E-02	< 7.92E-02	< 9.46E-02	< 7.27E-02	< 8.69E-02	< 6.74E-01		
1411N61B0	Seelachs	X	von/nach See	6.97E+01	< 9.48E-02	< 8.70E-02	< 1.01E-01	< 8.53E-02	< 1.00E-01	< 6.02E-01		
1412N22B0	Grünkohl			6.10E+01	< 8.27E-02	< 8.46E-02	< 1.54E-01	< 7.27E-02	< 8.44E-02	< 5.56E-01		
1412N61B0	Schellfisch	X	von/nach See	8.90E+01	< 8.52E-02	< 9.76E-02	< 3.02E-01	< 7.49E-02	1.48E-01	< 5.57E-01		
Maximalwerte:				3.15E+02	2.19E-01	2.09E-01	6.37E-01	2.14E-01	7.94E-01	1.72E+00	2.48E-01	0.00E+00
Minimalwerte:				2.08E+01	3.14E-02	3.67E-02	4.37E-02	2.66E-02	3.64E-02	2.49E-01	1.61E-02	0.00E+00
Mittelwerte :				8.61E+01	9.51E-02	9.17E-02	1.63E-01	8.10E-02	1.58E-01	6.83E-01	4.56E-02	
Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!												

2014 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
1401N82A0	Gesamtnahrung	7.33E+01	< 3.12E-02	< 3.95E-02	< 2.63E-02	5.60E-02	< 1.75E-01	
1401N83A0	Gesamtnahrung	6.23E+01	< 6.67E-02	< 7.77E-02	< 5.58E-02	1.10E-01	< 3.55E-01	
1402N82A0	Gesamtnahrung	1.02E+02	< 4.21E-02	< 6.24E-02	< 3.06E-02	6.30E-01	< 2.14E-01	
1402N83A0	Gesamtnahrung	1.33E+02	< 1.43E-01	< 2.38E-01	< 9.83E-02	1.61E-01	< 7.21E-01	
1403N82A0	Gesamtnahrung	7.87E+01	< 1.16E-01	< 1.61E-01	< 8.71E-02	1.02E+00	< 5.02E-01	
1403N84A0	Gesamtnahrung							0.0357
1404N82A0	Gesamtnahrung	7.97E+01	< 5.23E-02	< 4.69E-02	< 4.20E-02	1.45E-01	< 2.33E-01	
1404N83A0	Gesamtnahrung	8.39E+01	< 1.26E-01	< 1.11E-01	< 9.09E-02	< 1.14E-01	< 5.53E-01	
1404N84A0	Gesamtnahrung	6.88E+01	< 1.07E-01	< 1.08E-01	< 8.42E-02	< 1.08E-01	< 5.37E-01	
1405N82A0	Gesamtnahrung	1.01E+02	< 6.38E-02	< 6.72E-02	< 4.91E-02	1.54E-01	< 3.18E-01	
1405N83A0	Gesamtnahrung	1.02E+02	< 8.44E-02	< 7.25E-02	< 6.26E-02	1.18E-01	< 3.94E-01	
1406N82A0	Gesamtnahrung	6.42E+01	< 8.36E-02	< 8.32E-02	< 5.87E-02	1.29E-01	< 3.93E-01	
1406N83A0	Gesamtnahrung	7.31E+01	< 6.57E-02	< 5.86E-02	< 5.16E-02	6.51E-02	< 3.22E-01	
1406N84A0	Gesamtnahrung							0.0566
1407N82A0	Gesamtnahrung	9.32E+01	< 6.64E-02	< 5.39E-02	< 4.83E-02	< 6.02E-02	< 3.22E-01	
1407N83A0	Gesamtnahrung	8.69E+01	< 1.18E-01	< 1.57E-01	< 9.02E-02	1.93E-01	< 6.58E-01	
1408N82A0	Gesamtnahrung	6.43E+01	< 4.94E-02	< 4.92E-02	< 4.31E-02	2.22E-01	< 2.86E-01	
1408N83A0	Gesamtnahrung	1.22E+02	< 7.14E-02	< 5.92E-02	< 5.25E-02	< 7.94E-02	< 3.38E-01	
1409N82A0	Gesamtnahrung	9.50E+01	< 7.84E-02	< 6.52E-02	< 5.95E-02	8.69E-02	< 3.63E-01	
1409N83A0	Gesamtnahrung	9.95E+01	< 9.84E-02	< 1.00E-01	< 7.74E-02	< 1.05E-01	< 5.17E-01	
1409N84A0	Gesamtnahrung	9.60E+01	< 1.01E-01	< 1.28E-01	< 8.90E-02	< 1.08E-01	< 4.83E-01	
1409N85A0	Gesamtnahrung							4.30E-02
1410N82A0	Gesamtnahrung	1.28E+02	< 1.10E-01	< 8.76E-02	< 9.42E-02	< 1.08E-01	< 4.39E-01	
1410N83A0	Gesamtnahrung	8.53E+01	< 8.31E-02	< 6.11E-02	< 6.04E-02	< 6.88E-02	< 3.71E-01	
1411N82A0	Gesamtnahrung	5.21E+01	< 4.81E-02	< 5.15E-02	< 4.10E-02	< 5.31E-02	< 2.73E-01	
1411N83A0	Gesamtnahrung	8.02E+01	< 7.15E-02	< 7.02E-02	< 5.36E-02	< 6.55E-02	< 3.41E-01	
1412N82A0	Gesamtnahrung	1.04E+02	< 1.49E-01	< 1.66E-01	< 1.12E-01	< 1.44E-01	< 7.28E-01	
1412N83A0	Gesamtnahrung	1.05E+02	< 5.24E-02	< 5.61E-02	< 4.06E-02	9.60E-02	< 2.26E-01	
1412N85A0	Gesamtnahrung							2.82E-02
1401N81A0	Kindernahrung	5.82E+01	< 2.50E-02	< 3.18E-02	< 1.92E-02	< 2.98E-02	< 1.24E-01	
1402N81A0	Kindernahrung	5.42E+01	< 4.29E-02	< 6.78E-02	< 3.68E-02	3.94E-01	< 2.16E-01	
1403N81A0	Kindernahrung	7.70E+01	< 1.25E-01	< 1.72E-01	< 1.11E-01	< 1.15E-01	< 6.74E-01	
1404N81A0	Kindernahrung	9.34E+01	< 5.54E-02	< 4.75E-02	< 4.22E-02	6.78E-02	< 2.28E-01	< 5.23E-02
1405N81A0	Kindernahrung	7.93E+01	< 8.58E-02	< 7.69E-02	< 6.47E-02	< 7.92E-02	< 4.07E-01	
1406N81A0	Kindernahrung	6.93E+01	< 2.22E-02	< 1.89E-02	< 1.74E-02	4.61E-02	< 1.14E-01	
1407N81A0	Kindernahrung	7.53E+01	< 4.36E-02	< 3.53E-02	< 3.12E-02	7.69E-02	< 2.05E-01	
1408N81A0	Kindernahrung	6.05E+01	< 4.68E-02	< 4.19E-02	< 3.64E-02	< 4.49E-02	< 2.35E-01	
1409N81A0	Kindernahrung	6.38E+01	< 4.05E-02	< 3.67E-02	< 3.22E-02	7.69E-02	< 2.07E-01	< 5.69E-02
1410N81A0	Kindernahrung	6.79E+01	< 8.65E-02	< 9.13E-02	< 7.90E-02	< 9.28E-02	< 4.42E-01	
1411N81A0	Kindernahrung	7.79E+01	< 3.90E-02	< 3.60E-02	< 3.15E-02	< 4.01E-02	< 1.67E-01	
1412N81A0	Kindernahrung	5.61E+01	< 5.22E-02	< 5.79E-02	< 3.86E-02	3.45E-01	< 2.64E-01	

Maximalwerte:	1.33E+02	1.49E-01	2.38E-01	1.12E-01	1.02E+00	7.28E-01	5.69E-02
Minimalwerte:	5.21E+01	2.22E-02	1.89E-02	1.74E-02	2.98E-02	1.14E-01	2.82E-02
Mittelwerte :	8.29E+01	7.42E-02	7.96E-02	5.78E-02	1.52E-01	3.61E-01	4.55E-02

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

2014 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 23940	H 3
Bremen															
1402N71A0	Trinkwasser Reinwasser	< 1.20E-01	< 6.52E-03	< 8.07E-03	< 1.53E-02	< 6.52E-03	< 7.45E-03	< 6.32E-02	< 1.87E-03	3.84E-03	< 8.19E-04	4.43E-03	< 2.36E-03	< 5.05E-04	< 3.74E+00
1405N71A0	Trinkwasser Rohwasser	< 5.23E-01	< 2.10E-02	< 2.78E-02	< 9.61E-02	< 2.09E-02	< 2.31E-02	< 1.52E-01	< 1.84E-03	4.22E-03	< 1.07E-03	5.45E-03	< 2.05E-03	< 1.95E-03	< 3.43E+00
1408N71A0	Trinkwasser Reinwasser	< 1.29E-01	< 4.19E-03	< 5.81E-03	< 1.79E-02	< 4.21E-03	< 4.72E-03	< 3.03E-02	< 1.66E-03	< 2.23E-03	< 1.11E-03	3.15E-03	< 1.22E-03	< 1.34E-03	< 3.96E+00
1411N71A0	Trinkwasser Reinwasser	1.08E-01	< 4.01E-03	< 7.39E-03	< 5.04E-02	< 4.49E-03	< 5.02E-03	< 4.32E-02							
Bremerhaven															
1402N72B0	Trinkwasser Reinwasser	< 1.79E-01	< 8.95E-03	< 1.16E-02	< 2.75E-02	< 9.46E-03	< 1.06E-02	< 6.40E-02	< 1.66E-03	1.44E-03	< 2.86E-04	1.10E-03	< 2.11E-03	< 1.11E-03	< 3.75E+00
1405N72B0	Trinkwasser Rohwasser	< 1.29E-01	< 3.50E-03	< 4.59E-03	< 1.13E-02	< 3.69E-03	< 3.95E-03	< 2.61E-02	< 2.03E-03	1.51E-03	< 3.54E-04	1.10E-03	< 3.52E-03	< 1.69E-03	< 3.69E+00
1408N72B0	Trinkwasser Reinwasser	< 6.88E-02	< 3.34E-03	< 4.29E-03	< 9.17E-03	< 3.40E-03	< 3.82E-03	< 3.16E-02	1.26E-03	< 2.86E-03	< 2.14E-03	< 2.13E-03	< 1.60E-03	< 7.39E-04	< 3.97E+00
1411N72B0	Trinkwasser Reinwasser	< 9.71E-02	< 4.76E-03	< 6.46E-03	< 1.39E-02	< 4.99E-03	< 5.42E-03	< 4.95E-02							
Maximalwerte:		5.23E-01	2.10E-02	2.78E-02	9.61E-02	2.09E-02	2.31E-02	1.52E-01	2.03E-03	4.22E-03	2.14E-03	5.45E-03	3.52E-03	1.95E-03	3.97E+00
Minimalwerte:		6.88E-02	3.34E-03	4.29E-03	9.17E-03	3.40E-03	3.82E-03	2.61E-02	1.26E-03	1.44E-03	2.86E-04	1.10E-03	1.22E-03	5.05E-04	3.43E+00
Mittelwerte :		1.69E-01	7.03E-03	9.50E-03	3.02E-02	7.21E-03	8.01E-03	5.75E-02	1.72E-03	2.68E-03	9.63E-04	2.89E-03	2.14E-03	1.22E-03	3.76E+00
Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!															

2014 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										
1405111A0	Gras	1.56E+03	< 3.90E-01	< 3.98E-01		< 2.67E-01	1.07E+00	< 2.00E+00		
1411111A0	Blätter, Buche	8.38E+01	< 1.16E-01	< 1.55E-01		< 1.08E-01	5.08E-01	< 8.06E-01		
1411113A0	Nadeln, Fichte	1.44E+02	< 6.14E-02	< 8.26E-02		< 5.36E-02	5.89E-01	< 3.30E-01		
Bremerhaven										
1405112B0	Gras	1.08E+03	< 3.20E-01	< 2.76E-01		< 2.26E-01	2.26E+00	< 1.53E+00		
1411112B0	Blätter, Buche	1.58E+02	< 1.48E-01	< 1.60E-01		< 1.23E-01	2.74E-01	< 8.71E-01		
Maximalwerte:		1.56E+03	3.90E-01	3.98E-01		2.67E-01	2.26E+00	2.00E+00	0.00E+00	0.00E+00
Minimalwerte:		8.38E+01	6.14E-02	8.26E-02		5.36E-02	2.74E-01	3.30E-01	0.00E+00	0.00E+00
Mittelwerte :		6.05E+02	2.07E-01	2.14E-01		1.56E-01	9.40E-01	1.11E+00		
Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!										

2014 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												
1401F31A0	Hafer	X	Finnland	1.57E+02	< 1.38E-01	< 2.39E-01	< 3.82E+00	< 1.15E-01	2.04E+00	< 1.12E+00		
1401F61A0	Ölschrot (Ölkuchen)	X	Argentinien	7.00E+02	< 2.03E-01	< 1.70E-01	< 2.81E-01	< 1.55E-01	< 2.03E-01	< 1.23E+00		
1401F62A0	Maniok	X	Dänemark	2.22E+02	< 1.63E-01	< 1.72E-01	< 4.62E-01	< 1.31E-01	< 1.57E-01	< 1.19E+00		
1403F61A0	Palmkernschrot	X	Malaysia	2.30E+02	< 1.63E-01	< 1.61E-01	< 2.58E-01	< 1.48E-01	< 1.78E-01	< 1.04E+00		
1405F11A0	Weidegras Bq/kg(FM)			3.67E+02	< 1.02E-01	< 1.35E-01	< 2.10E+00	< 7.34E-02	7.33E-01	< 4.46E-01		
1405F31A0	Hafer	X	Schweden	1.25E+02	< 1.27E-01	< 1.17E-01	< 1.95E-01	< 1.03E-01	< 1.53E-01	< 9.29E-01		
1405F32A0	Hafer	X	Ukraine	1.52E+02	< 4.40E-02	< 4.00E-02	< 5.30E-02	< 3.67E-02	< 4.23E-02	< 3.25E-01		
1405F61A0	Sonnenblumenkernschrot	X	Argentinien	6.14E+02	< 3.45E-01	< 2.85E-01	< 4.33E-01	< 2.45E-01	< 2.98E-01	< 2.03E+00		
1405F62A0	Palmkernschrot	X	Indonesien	2.13E+02	< 1.46E-01	< 1.37E-01	< 2.45E-01	< 1.22E-01	1.45E-01	< 8.51E-01		
1405F63A0	Rapsschrot	X	Polen	4.49E+02	< 3.87E-01	< 3.57E-01	< 1.10E+00	< 2.99E-01	< 3.51E-01	< 2.30E+00		
1408F31A0	Maiskörner	X	Ukraine	1.00E+02	< 1.07E-01	< 1.07E-01	< 1.61E-01	< 9.55E-02	1.50E-01	< 6.80E-01		
1409F31A0	Weizen	X	Ukraine	1.31E+02	< 4.90E-02	< 4.35E-02	< 5.55E-02	< 3.97E-02	< 4.63E-02	< 3.57E-01		
1409F61A0	Leinschrot	X	Kasachstan	4.32E+02	< 1.87E-01	< 1.53E-01	< 2.12E-01	< 1.32E-01	< 1.52E-01	< 1.10E+00		
1409F62A0	Ölschrot (Ölkuchen)	X	Ägypten	3.21E+02	< 8.50E-02	< 7.32E-02	< 9.22E-02	< 7.17E-02	< 8.32E-02	< 4.88E-01		
1409F63A0	Ölschrot (Ölkuchen)	X	Malaysia	2.00E+02	< 1.23E-01	< 1.21E-01	< 2.82E-01	< 1.01E-01	3.89E-01	< 7.13E-01		
1409F64A0	Ölschrot (Ölkuchen)	X	Argentinien	7.23E+02	< 2.01E-01	< 2.08E-01	< 4.76E-01	< 1.72E-01	< 2.69E-01	< 1.35E+00		
1410F31A0	Maiskörner		Deutschland	1.18E+02	< 9.84E-02	< 1.25E-01	< 3.50E-01	< 9.78E-02	< 1.07E-01	< 6.84E-01		
1410F32A0	Maiskörner			1.02E+02	< 4.66E-02	< 4.39E-02	< 6.16E-02	< 3.84E-02	< 5.15E-02	< 3.67E-01		
1411F31A0	Hafer			1.67E+02	< 1.38E-01	< 1.24E-01	< 1.89E-01	< 1.10E-01	< 1.27E-01	< 9.89E-01		
1411F41A0	Gehaltsfutterrübe			1.12E+03	< 4.28E-01	< 4.50E-01		< 2.89E-01	7.59E-01	< 1.88E+00		
1412F31A0	Hafer	X	Niederlande	1.50E+02	< 9.78E-02	< 8.28E-02	< 1.01E-01	< 7.88E-02	< 1.01E-01	< 7.23E-01		
1412F61A0	Ölschrot (Ölkuchen)	X	Uganda	1.54E+02	< 1.23E-01	< 1.22E-01	< 1.70E-01	< 1.12E-01	< 1.31E-01	< 7.82E-01		
Bremerhaven												
1405F12B0	Weidegras Bq/kg(FM)			6.31E+02	< 2.09E-01	< 1.97E-01		< 1.47E-01	6.10E-01	< 9.59E-01		0.993
Maximalwerte:				1.12E+03	4.28E-01	4.50E-01	3.82E+00	2.99E-01	2.04E+00	2.30E+00	0.00E+00	9.93E-01
Minimalwerte:				1.00E+02	4.40E-02	4.00E-02	5.30E-02	3.67E-02	4.23E-02	3.25E-01	0.00E+00	9.93E-01
Mittelwerte :				3.29E+02	1.61E-01	1.59E-01	5.28E-01	1.27E-01	3.16E-01	9.80E-01		9.93E-01
Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!												

2014 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											
1405B31A0	Ackerböden	2.77E+02	< 1.16E-01	< 1.38E-01	< 3.02E-01	< 1.18E-01	6.75E+00	< 9.85E-01			9.48E-01
1405B32A0	Ackerböden	3.22E+02	< 1.70E-01	< 2.02E-01	< 4.39E-01	< 1.69E-01	1.00E+01	< 1.70E+00			7.52E-01
1405B33A0	Ackerböden	3.19E+02	< 1.16E-01	< 1.28E-01	< 1.72E-01	< 1.13E-01	1.13E+01	< 1.10E+00			
1408B31A0	Weideböden	2.33E+02	< 1.02E-01	< 1.07E-01	< 1.55E-01	< 1.05E-01	4.66E+00	< 8.71E-01	4.57E+00	< 1.62E+01	
1408B32A0	Weideböden	5.39E+02	< 2.04E-01	< 2.56E-01	< 5.89E-01	< 1.98E-01	2.51E+01	< 2.02E+00	< 2.29E+00	< 1.41E+01	

Maximalwerte:		5.39E+02	2.04E-01	2.56E-01	5.89E-01	1.98E-01	2.51E+01	2.02E+00	4.57E+00	1.62E+01	9.48E-01
Minimalwerte:		2.33E+02	1.02E-01	1.07E-01	1.55E-01	1.05E-01	4.66E+00	8.71E-01	2.29E+00	1.41E+01	7.52E-01
Mittelwerte :		3.38E+02	1.42E-01	1.66E-01	3.31E-01	1.41E-01	1.16E+01	1.34E+00	3.43E+00	1.52E+01	8.50E-01
Achtung: B errechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!											

2014 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 239/40
Bremen															
1405G41A0	Grundwasser	< 2.14E-01	< 8.58E-03	< 1.07E-02	< 3.19E-02	< 8.45E-03	< 9.51E-03	< 6.16E-02	< 4.32E+00	2.38E-03	< 2.90E-03	< 2.22E-03	1.12E-03	< 1.17E-03	< 2.33E-04
1411G41A0	Grundwasser	< 5.73E-01	< 3.11E-02	< 1.68E-01	< 1.70E+02	< 3.51E-02	< 3.39E-02	< 2.13E-01	< 3.93E+00	< 1.73E-03				< 9.77E-03	< 9.91E-03
Bremerhaven															
1405G42B0	Grundwasser	2.89E-01	< 6.28E-03	< 8.26E-03	< 1.76E-02	< 6.23E-03	< 7.53E-03	< 6.18E-02	< 3.43E+00	< 2.24E-03	< 1.55E-03	< 7.91E-04	1.13E-03	< 1.44E-03	< 1.51E-04
1411G42B0	Grundwasser	1.95E-01	< 7.16E-03	< 8.56E-03	< 1.64E-02	< 6.83E-03	< 7.33E-03	< 6.49E-02	< 3.92E+00	< 1.58E-03	1.30E-03	< 4.44E-04	1.24E-03	< 1.09E-03	< 1.31E-04
Maximalwerte:		5.73E-01	3.11E-02	1.68E-01	1.70E+02	3.51E-02	3.39E-02	2.13E-01	4.32E+00	2.38E-03	2.90E-03	2.22E-03	1.24E-03	9.77E-03	9.91E-03
Minimalwerte:		1.95E-01	6.28E-03	8.26E-03	1.64E-02	6.23E-03	7.33E-03	6.16E-02	3.43E+00	1.58E-03	1.30E-03	4.44E-04	1.12E-03	1.09E-03	1.31E-04
Mittelwerte :		3.18E-01	1.33E-02	4.89E-02	4.25E+01	1.42E-02	1.46E-02	1.00E-01	3.90E+00	1.98E-03	1.92E-03	1.15E-03	1.16E-03	3.37E-03	2.61E-03
Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!															

2014 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																	
1403G11A0	Oberflächenwasser	2.28E-01	< 7.80E-03	< 1.79E-02	< 2.07E-01	< 7.72E-03	< 8.37E-03	< 7.93E-02	< 3.76E+00		2.11E-03		< 7.01E-03	< 1.69E-03	2.92E-03	< 2.75E-03	< 2.85E-03
1406G11A0	Oberflächenwasser	2.24E-01	< 6.12E-03	< 2.46E-02	< 2.65E+00	< 6.63E-03	< 6.80E-03	< 6.41E-02	< 3.71E+00		2.55E-03		< 5.81E-03	< 1.89E-03	< 2.92E-03	< 1.33E-03	< 7.98E-04
1409G11A0	Oberflächenwasser	1.50E-01	< 6.18E-03	< 3.60E-02	< 1.36E+01	< 6.50E-03	< 6.55E-03	< 6.80E-02	< 4.00E+00	< 2.11E-01							
1412G11A0	Oberflächenwasser	2.09E-01	< 9.19E-03	< 2.33E-02	< 6.04E-01	< 9.11E-03	< 9.59E-03	< 6.84E-02	< 3.85E+00	< 1.62E-01		< 4.35E-01					
1403G13A0	Sediment	3.50E+02	< 5.32E-01	< 6.86E-01	< 1.18E+00	< 6.05E-01	3.03E+01	< 6.42E+00		1.30E+02							
1406G13A0	Sediment	2.75E+02	< 1.82E-01	< 1.82E-01	< 3.27E-01	< 2.15E-01	1.55E+01	< 2.47E+00									
1409G13A0	Sediment	2.83E+02	< 1.65E-01	< 2.37E-01	< 7.52E-01	< 1.74E-01	1.52E+01	< 2.13E+00		5.93E+01		4.39E+02					
1412G13A0	Sediment	3.74E+02	< 8.79E-01	< 1.37E+00	< 7.20E+00	< 9.30E-01	3.03E+01	< 8.67E+00		3.80E+02		4.24E+02					
Bremerhaven																	
1403G12B0	Oberflächenwasser	< 3.50E-01	< 1.65E-02	< 3.90E-02	< 1.18E+00	< 1.57E-02	< 1.68E-02	< 1.13E-01	< 3.76E+00		6.99E-04		4.04E-03	< 4.64E-04	3.29E-03	< 2.31E-03	< 1.03E-03
1406G12B0	Oberflächenwasser	1.91E-01	< 5.16E-03	< 1.60E-02	< 1.73E+00	< 4.82E-03	< 5.86E-03	< 4.87E-02	< 3.43E+00		4.87E-03		4.20E-03	< 1.70E-03	2.53E-03	< 1.26E-03	< 1.33E-04
1409G12B0	Oberflächenwasser	2.32E-01	< 3.40E-03	< 1.07E-02	< 5.12E-01	< 3.67E-03	< 3.85E-03	< 3.70E-02	< 3.97E+00								
1412G12B0	Oberflächenwasser	< 3.18E-01	< 1.75E-02	< 4.42E-02	< 1.04E+00	< 1.66E-02	< 1.79E-02	< 1.28E-01	< 4.00E+00	< 3.13E-01		< 8.69E-01					
1403G14B0	Sediment	4.84E+02	< 5.06E-01	< 5.46E-01	< 8.13E-01	< 5.51E-01	1.23E+01	< 4.46E+00		1.66E+02							
1406G14B0	Sediment	4.98E+02	< 2.59E-01	< 3.05E-01	< 4.75E-01	< 2.93E-01	1.21E+01	< 2.77E+00									
1409G14B0	Sediment	5.53E+02	< 3.17E-01	< 3.49E-01	< 4.34E-01	< 3.56E-01	1.44E+01	< 2.99E+00		2.06E+02		2.27E+02					
1412G14B0	Sediment	5.27E+02	< 5.56E-01	< 6.30E-01	< 1.18E+00	< 5.26E-01	1.36E+01	< 5.66E+00		1.03E+02		2.92E+02					
Maximalwerte:		5.53E+02	8.79E-01	1.37E+00	1.36E+01	9.30E-01	3.03E+01	8.67E+00	4.00E+00	3.80E+02	4.87E-03	4.39E+02	7.01E-03	1.89E-03	3.29E-03	2.75E-03	2.85E-03
Minimalwerte:		2.28E-01	7.80E-03	1.79E-02	2.07E-01	7.72E-03	8.37E-03	7.93E-02	3.76E+00	1.03E+02	2.11E-03	2.92E+02	7.01E-03	1.69E-03	2.92E-03	2.75E-03	2.85E-03
Mittelwerte :		2.09E+02	2.17E-01	2.86E-01	2.12E+00	2.33E-01	8.99E+00	2.26E+00	3.81E+00	1.16E+02	2.56E-03	230.5507	5.27E-03	1.44E-03	2.92E-03	1.91E-03	1.20E-03

2014 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											
1404A21A0	Feste Rückstände aus Rauchgaswäsche	1.20E+02	< 1.40E-01	< 1.46E-01	5.91E+00	< 1.37E-01	2.23E+00	< 1.25E+00			
1404A22A0	Kesselasche, Schlacke	1.26E+03	< 4.59E-01	< 4.34E-01	< 4.95E-01	< 3.95E-01	2.62E+01	< 3.46E+00			
1404A23A0	Feste Rückstände aus Rauchgaswäsche	1.29E+03	< 4.02E-01	< 3.52E-01	< 4.11E-01	< 3.29E-01	2.87E+01	< 2.99E+00			
1404A24A0	Kesselasche, Schlacke	2.69E+02	< 2.78E-01	< 2.59E-01	< 3.48E-01	< 2.48E-01	9.70E-01	< 2.99E+00			
1404A41A0	Kompost	4.11E+02	< 2.94E-01	< 2.86E-01	< 4.00E-01	< 2.73E-01	9.06E+00	< 2.09E+00			
1410A21A0	Kesselasche, Schlacke	1.85E+02	< 1.23E-01	< 1.35E-01	3.00E+00	< 1.11E-01	3.39E+00	< 1.06E+00		2.84E+01	
1410A22A0	Kesselasche, Schlacke	2.65E+02	< 1.83E-01	< 2.06E-01	< 4.40E-01	< 1.75E-01	1.79E+00	< 1.78E+00	3.13E+01	1.13E+01	
1410A23A0	Kesselasche, Schlacke	1.96E+03	< 4.29E-01	< 4.21E-01	< 7.95E-01	< 3.67E-01	3.91E+01	< 2.63E+00	1.87E+01	3.66E+02	
1410A24A0	Kesselasche, Schlacke	2.52E+02	< 2.67E-01	< 2.87E-01	< 5.34E-01	< 2.43E-01	1.10E+00	< 2.54E+00	1.97E+01		
1410A41A0	Kompost	4.14E+02	< 1.81E-01	< 1.76E-01	< 2.09E-01	< 1.70E-01	8.89E+00	< 1.34E+00			
Bremerhaven											
1404A27B0	Filterstaub, Filterasche	1.81E+03	< 1.61E-01	< 1.42E-01	< 1.84E-01	< 1.28E-01	3.22E+01	< 1.16E+00			
1410A27B0	Filterstaub, Filterasche	1.47E+03	< 2.31E-01	< 2.00E-01	< 5.09E-01	< 1.84E-01	2.21E+01	< 1.70E+00	2.79E+01	1.66E+02	
1404A25B0	Kesselasche, Schlacke	2.96E+02	< 1.45E-01	< 1.49E-01	< 2.21E-01	< 1.31E-01	1.74E+00	< 1.35E+00			
1410A25B0	Kesselasche, Schlacke	3.35E+02	< 7.62E-02	< 7.98E-02	< 1.60E-01	< 7.77E-02	2.49E+00	< 7.43E-01	9.12E+00	3.18E+01	
1404A26B0	Feste Rückstände aus Rauchgaswäsche	6.08E+01	< 6.37E-02	< 7.00E-02	1.67E+00	< 6.22E-02	1.16E+00	< 6.93E-01			
1410A26B0	Feste Rückstände aus Rauchgaswäsche	3.87E+01	< 7.00E-02	< 8.19E-02	1.03E+01	< 7.28E-02	5.04E-01	< 6.81E-01			
1404A28B0	Flüssige Rückstände aus Rauchgaswäsche	1.27E+01	< 3.68E-02	< 3.88E-02	5.48E-01	< 3.49E-02	1.51E-01	< 2.73E-01			
1410A28B0	Flüssige Rückstände aus Rauchgaswäsche	9.11E+00	< 3.20E-02	< 3.64E-02	8.69E+00	< 3.13E-02	7.34E-02	< 3.67E-01			
1404A31B0	Sicker- und Grundwasser	7.54E+01	< 8.76E-02	< 8.84E-02	< 1.29E-01	< 7.34E-02	1.04E+00	< 5.73E-01			1.02E+01
1410A31B0	Sicker- und Grundwasser	2.88E+01	< 5.88E-02	< 5.98E-02	< 7.41E-02	< 5.53E-02	2.62E-01	< 4.14E-01			1.35E+01
Maximalwerte:											
		1.96E+03	4.59E-01	4.34E-01	1.03E+01	3.95E-01	3.91E+01	3.46E+00	3.13E+01	3.66E+02	1.35E+01
Minimalwerte:											
		9.11E+00	3.20E-02	3.64E-02	7.41E-02	3.13E-02	7.34E-02	2.73E-01	9.12E+00	1.13E+01	1.02E+01
Mittelwerte :											
		5.28E+02	1.86E-01	1.82E-01	1.75E+00	1.65E-01	9.16E+00	1.50E+00	2.13E+01	1.21E+02	1.19E+01
Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!											

2014 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																
1402A11A0	Abwasser	< 1.00E+00	< 5.96E-02	< 5.66E-02	4.01E-01	< 5.11E-02	< 6.43E-02	< 5.61E-01	< 5.07E-01		< 0.0103	< 5.71E-03	< 3.41E-03	3.28E-03	< 7.92E-03	< 8.31E-03
1405A11A0	Abwasser	5.08E-01	< 3.44E-02	< 3.79E-02	2.74E-01	< 3.46E-02	< 3.82E-02	< 3.32E-01								
1408A11A0	Abwasser	< 9.61E-01	< 5.08E-02	< 5.46E-02	1.85E-01	< 4.94E-02	< 5.80E-02	< 5.08E-01								
1411A11A0	Abwasser	< 1.04E+00	< 5.46E-02	< 5.86E-02	1.85E-01	< 5.34E-02	< 6.23E-02	< 5.21E-01	< 0.535		< 0.0097				< 0.0268	< 0.00429
1402A13A0	Klärschlamm	8.13E+01	< 1.41E-01	< 1.55E-01	4.00E+01	< 1.43E-01	1.32E+00	< 1.75E+00	8.29E+01		2.78	1.24E+01	< 8.79E-01	1.06E+01	< 2.58E+00	< 7.47E-01
1405A13A0	Klärschlamm	3.80E+02	< 2.13E+00	< 2.23E+00	7.57E+01	< 1.98E+00	< 3.12E+00	< 2.10E+01	236							
1408A13A0	Klärschlamm	8.70E+01	< 1.30E+00	< 1.44E+00	5.00E+01	< 1.32E+00	< 1.68E+00	< 1.09E+01	2.06E+02		< 1.89	1.38E+01	< 1.55E+00	1.53E+01	< 3.13E+00	< 9.26E-01
1411A13A0	Klärschlamm	8.95E+01	< 3.18E-01	< 3.57E-01	6.74E+01	< 3.26E-01	1.65E+00	< 3.69E+00	1.34E+02	65.5						
Bremerhaven																
1402A12B0	Abwasser	1.35E+00	< 5.57E-02	< 5.59E-02	< 7.36E-02	< 5.38E-02	< 5.97E-02	< 3.85E-01	< 4.90E-01		< 0.061	2.38E-03	< 8.44E-04	2.15E-03	< 7.81E-03	< 6.65E-03
1405A12B0	Abwasser	9.23E-01	< 3.79E-02	< 4.93E-02	1.75E-01	< 4.09E-02	< 4.39E-02	< 3.80E-01								
1408A12B0	Abwasser	8.01E-01	< 3.16E-02	< 3.43E-02	1.14E-01	< 3.02E-02	< 3.51E-02	< 3.03E-01			< 0.0112					
1411A12B0	Abwasser	1.46E+00	< 4.46E-02	< 5.43E-02	< 9.14E-02	< 4.64E-02	< 5.71E-02	< 4.73E-01								
1402A14B0	Klärschlamm	2.38E+02	< 7.37E-01	< 8.02E-01	2.33E+01	< 7.18E-01	< 1.07E+00	< 7.45E+00	4.46E+01		< 1.09E+00	1.12E+01	< 1.88E+00	1.12E+01	< 4.78E+00	< 2.28E+00
1405A14B0	Klärschlamm	3.87E+02	< 1.94E+00	< 2.33E+00	8.55E+01	< 1.84E+00	2.69E+00	< 1.96E+01	1.19E+02							
1408A14B0	Klärschlamm	2.10E+02	< 1.17E+00	< 1.42E+00	2.23E+01	< 1.17E+00	< 1.57E+00	< 1.25E+01	1.48E+02	< 8.51E+01	< 1.01	1.45E+01	< 8.56E-01	1.43E+01	< 2.91E+00	< 4.91E-01
1411A14B0	Klärschlamm	2.66E+02	< 1.91E+00	< 1.92E+00	3.71E+01	< 1.69E+00	< 2.10E+00	< 1.73E+01	5.53E+01							
Maximalwerte:		3.87E+02	2.13E+00	2.33E+00	8.55E+01	1.98E+00	3.12E+00	2.10E+01	2.36E+02	8.51E+01	2.78E+00	1.45E+01	1.88E+00	1.53E+01	4.78E+00	2.28E+00
Minimalwerte:		1.00E+00	5.96E-02	5.66E-02	4.01E-01	5.11E-02	6.43E-02	5.61E-01	5.07E-01	0.00E+00	1.03E-02	5.71E-03	3.41E-03	3.28E-03	7.92E-03	8.31E-03
Mittelwerte :		1.09E+02	6.26E-01	6.91E-01	2.52E+01	5.97E-01	9.76E-01	6.10E+00	9.34E+01	7.53E+01	8.58E-01	8.65E+00	8.62E-01	8.57E+00	1.92E+00	6.38E-01
Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!																