

25 Erbsen und Bohnen		Werte von: 2002-2016 n= 112							KG1-3	KG4-7
		KG 1	KG 2	KG 3	KG 4	KG 5	KG 6	KG 7	Median	Median
Cfu/g	Orientierungswerte	1.000.000	100.000	50.000	10.000	20.000	5.000	20.000		
Cfu/g	2/3 W	330.533	31.310	3.324	3.000	4.588	1.000	3.600		
Cfu/g	10*log(50.Quantil +1)	834.865	54.772	15.811	10.000	20.494	5.000	15.000	93.851	3.992
Cfu/g	10*log(90.Q)	5.102.998	432.351	25.059	14.392	79.381	31.623	25.249		
	Quant.Rang (OW)	71,1	80,0	92,3	85,5	80,2	84,0	86,6		
	Rang(50.Quantil +1)	70,7	77,4	88,4	85,5	80,4	84,0	83,7		
	Quant.Rang (66,6.Q) =2/3W	66,6	66,6	66,6	68,4	66,6	66,6	66,6		

Median	log	4,922	3,739	3,199	3,000	3,312	2,699	3,176	4,972	3,601
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Häufigkeit	87,5%	60,7%	12,5%	68,8%	60,7%	14,3%	67,9%	96,4%	91,1%
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Probe Nr.	log KBE/g							KG1-3	KG4-7
	KG 1	KG 2	KG 3	KG 4	KG 5	KG 6	KG 7		
1		4,114						4,1140	
2	5,556							5,5563	
3		5,255			3,000	2,954	2,477	5,2553	3,3426
4	6,325	5,332		3,439	3,352		2,398	6,3674	3,7202
5	6,366	5,677	4,699	3,778	4,866	3,243	3,176	6,4548	4,9178
6	6,114	4,000		2,699		2,699	3,000	6,1173	3,3012
7	6,130	5,653		3,845	4,216	2,398	3,699	6,2553	4,4579
8	4,371	3,398	3,544	2,176	3,572	2,176		4,4698	3,6054
9	4,690	3,176		2,477	2,176		2,000	4,7033	2,7412
10	5,064	2,699	2,699	2,176			2,000	5,0682	2,4014
11	5,810	5,658			2,176			6,0414	2,1847
12	4,097	4,362			3,342			4,5502	3,3430
13	6,993	4,477	5,176	5,792	6,170		3,651	7,0013	6,3231
14		3,000		1,699			2,544	3,0009	2,6042
15	4,602			2,699	2,176	1,699		4,6021	3,4150
16	4,602			2,875	3,000			4,6021	3,3893
17	4,591						3,176	4,5911	3,1770
18	5,792	4,000						5,7993	
19	5,041	3,778			3,176			5,0645	3,1770
20	3,477	4,519			4,342			4,5563	4,3425
21	4,255	4,756		3,954	5,176			4,8751	5,2014
22	4,477	3,903	3,477	2,301	2,602		2,653	4,6128	3,0216
23	3,699				2,000		2,000	3,6991	2,3054
24		6,771			3,342			6,7709	3,3430
25	4,000			2,653	1,699		2,602	4,0001	2,9547
26	7,043			4,643	3,681	3,000	4,301	7,0434	4,8439
27	4,431			3,176			2,778	4,4314	3,3226
28	6,623			5,431			5,519	6,6232	5,7782
29	5,580	3,477		1,903	2,041		1,477	5,5832	2,3444
30	6,210	4,544			3,820		3,792	6,2188	4,1073
31	4,903	4,602			2,845			5,0792	2,8470
32	4,895	4,398			3,839	5,000	2,845	5,0149	5,0318
33	4,301	3,000			2,978		2,000	4,3222	3,0220
34	4,716						3,114	4,7160	3,1149
35	4,914			2,477				4,9138	2,4814
36	6,279				3,322		3,431	6,2788	3,6814
37	7,146				3,000		4,398	7,1461	4,4150
38	6,279				3,716	3,176	3,681	6,2788	4,0607
39	6,146				4,146	3,255	4,000	6,1461	4,4116
40		4,431			4,591	4,322		4,4314	4,7782
41	6,204	5,301			3,699	4,845	5,301	6,2553	5,4843
42	4,556	5,114			4,602	3,176		5,2201	4,6181

26 Trockenfutter Hunde+Katten		Werte von: 2002-2015 n= 236							KG1-3	KG4-7
		KG 1	KG 2	KG 3	KG 4	KG 5	KG 6	KG 7	Median	Median
Cfu/g	Orientierungswerte	100.000	100.000	10.000	1.000	3.000	1.000	2.000		
Cfu/g	2/3 W	35.982	11.000	5.222	200	540	400	440		
Cfu/g	10*log(50.Quantil +1)	89.443	25.100	18.974	1.000	3.000	1.183	2.291	4.501	403
Cfu/g	10*log(90.Q)	470.000	101.551	14.832	800	2.330	1.000	2.788		
	Quant.Rang (OW)	83,9	89,2	78,2	93,3	90,6	83,8	89,1		
	Rang(50.Quantil +1)	81,3	78,4	98,2	93,3	90,6	97,9	89,4		
	Quant.Rang (66,6.Q) =2/3W	66,6	66,4	66,6	66,6	66,6	64,5	66,6		

Median	log	3,952	3,400	3,278	2,000	2,477	2,073	2,360	3,653	2,605
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Häufigkeit	37,3%	67,4%	2,5%	13,1%	29,7%	13,6%	18,6%	71,6%	41,1%
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Probe Nr.	log KBE/g							KG1-3	KG4-7		
	KG 1	KG 2	KG 3	KG 4	KG 5	KG 6	KG 7				
1	5,756	4,544			2,322	2,114		3,176	5,7818	3,2651	
2	4,845	4,556			2,079	2,556			5,0253	2,6830	
3	5,672	5,301				2,826		2,929	5,8261	3,1824	
4	5,663	5,863					2,255	4,431	6,0755	4,4343	
5	3,519	4,322							4,3856		
6	3,322	4,041							4,1173		
7	3,681	4,763						2,255	4,7980	2,2625	
8		3,477							3,4774		
9		3,740				2,322			3,7405	2,3284	
10	4,929	4,176				3,230			5,0000	3,2312	
11	4,519	4,322				3,146			4,7324	3,1471	
12											
13											
14											
15											
16											
17											
18	5,114	5,491				2,519			5,6435	2,5224	
19	4,041	5,519							5,5328		
20		3,716							3,7162		
21	4,914	4,914				2,556		2,519	5,2148	2,8401	
22		5,079				2,431			5,0792	2,4362	
23		2,681							2,6830		
24		2,477							2,4800		
25		3,204							3,2047		
26	4,176	3,477				1,699		1,699	4,2553	2,0086	
27	4,301								4,3011		
28	3,699	4,114						3,602	4,2553	3,6024	
29	3,90309	5,16137			1,47712	1,4771213			5,1847	1,7924	
30		2,47712			1,47712		1,47712		2,4800	1,7924	
31		2,47712							2,4800		
32	3,69897	5,03342				1,69897		2	5,0531	2,1818	
33	3,30103	2,69897							3,3981		
34					1,47712					1,5185	
35						1,30103				1,3617	
36	3,6232493	4,5563			1,47712				4,6042	1,5185	
37	4,5563025	4,57978					2	3,5563025	4,8692	3,5684	
38	5,8260748							3,0413927	5,8261	3,0426	
39	5,6812412	3,77815						2,25527	2,7403627	5,6866	2,8645
40	4,6232493	4,17609				2,4913617			1,7781513	4,7559	2,5705
41	5,6334685	5,07918				2,7403627			1,7781513	5,7404	2,7868
42		3,25527				1,4771213	1,77815	1,4771213	3,2558	2,0828	

27 Biertreber, frisch Werte von: 2002-2017 n= 200									
	KG 1	KG 2	KG 3	KG 4	KG 5	KG 6	KG 7		
Cfu/g	500.000	300.000	10.000	2.000	2.000	1.000	500.000	KG1-3	KG4-7
Cfu/g	2/3 W	456.547	100.000	12.295	2.239	1.833	12.038	2.152.351	Median
Cfu/g	10*log(50.Quantil +0,5)	173.925	94.868	31.623	3.953	1.897	4.000	608.276	62.001
Cfu/g	10*log(50.Quantil +1)	550.000	300.000	100.000	12.500	6.000	12.649	1.923.538	66.971
	Quant.Rang (OW)	68,3	73,3	50,0	65,2	68,9	47,3	54,1	
	Rang(50.Quantil +0,5)	59,6	64,4	82,8	74,1	67,8	63,1	55,9	
	Rang(50.Quantil +1)	69,2	73,3	90,0	81,1	72,5	66,8	64,9	

Median	log	4,740	4,477	4,000	3,097	2,778	3,102	5,284	4,826	4,792
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Häufigkeit	71,5%	57,5%	5,5%	13,0%	29,5%	10,0%	61,0%	86,0%	70,5%
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n= 200										
Probe Nr.	log KBE/g							KG1-3	KG4-7	
	KG 1	KG 2	KG 3	KG 4	KG 5	KG 6	KG 7			
1	5,322	6,740						6,7566		
2	5,415							5,4150		
3	8,342					4,322	6,556	8,3424	6,5588	
4	4,477	4,591						4,8389		
5		4,000						4,0001		
6		4,176						4,1761		
7										
8	4,778	5,000		3,114				5,2041	3,1149	
9		4,322						4,3223		
10	4,204			3,114				4,2042	3,1149	
11		4,716						4,7160		
12										
13	5,591	6,699					7,380	6,7316	7,3802	
14										
15					2,477				2,4814	
16				3,431	2,778		4,740		4,7657	
17	3,477	3,477		3,255			2,778	3,7782	3,3806	
18	4,380	4,301			2,477		3,176	4,6435	3,2558	
19	5,041	4,380		2,778	2,477		3,114	5,1271	3,3426	
20	4,255	4,000						4,4472		
21	4,079				3,255			4,0793	3,2560	
22	4,740			2,778				4,7404	2,7803	
23	5,708	4,000		5,362	3,114		5,987	5,7160	6,0797	
24		5,724						5,7243		
25	4,322	3,477						4,3802		
26		4,204			2,778			4,2042	2,7803	
27	3,477			2,477				3,4774	2,4814	
28		3,954						3,9543		
29					3,255				3,2560	
30	3,477				2,778			3,4774	2,7803	
31	5,623	5,204		2,477			3,431	5,7634	3,4774	
32	4,431			4,954			6,568	4,4314	6,5786	
33		4,380						4,3802		
34		5,079						5,0792		
35	3,477	4,863						4,8808		
36	5,021	4,628	3,398	3,398	4,602		5,796	5,1761	5,8245	
37	7,284	6,327			5,602		7,041	7,3299	7,0569	
38	6,477	5,760			6,995	5,352	7,813	6,5533	7,8756	
39	4,699	5,255					4,893	5,3617	4,8935	
40	6,143	5,176			2,875	2,699	3,813	6,1875	3,8894	
41	4,778	4,362	4,114		4,477		5,793	4,9823	5,8132	
42	4,041	3,301					3,352	4,1140	3,3528	

28 Rapssaat Werte von: 2004-2016 n= 134										
	KG 1	KG 2	KG 3	KG 4	KG 5	KG 6	KG 7			
Cfu/g	10.000.000	1.000.000	10.000	50.000	5.000	2.000	50.000	KG1-3	KG4-7	
Cfu/g	7/3 W	8.039.327	927.145	3.554	28.593	4.798	700	61.581	Median	
Cfu/g	10*log(50.Quantil +0,5)	13.438.750	1.378.405	4.743	47.434	6.325	1.581	86.168	4.374.359	50.751
Cfu/g	10*log(90.Q)	26.435.497	2.287.466	53.942	180.494	25.363	3.508	350.000		
	Quant.Rang (OW)	70,9	67,0	73,9	69,7	67,7	84,8	60,8		
	Rang(50.Quantil +0,5)	76,4	78,5	69,1	69,6	75,2	83,6	71,9		
	Quant.Rang (66,6.Q) -2/3W	66,6	66,6	66,6	66,6	66,6	66,6	66,6		

Median	log	6,628	5,639	3,176	4,176	3,301	2,699	4,435	6,641	4,705
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Häufigkeit	98,5%	64,2%	17,9%	89,6%	70,1%	27,6%	94,0%	98,5%	100,0%
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n= 134										
Probe Nr.	log KBE/g							KG1-3	KG4-7	
	KG 1	KG 2	KG 3	KG 4	KG 5	KG 6	KG 7			
1	6,7782	5,8451		4,2041				4,4771	6,8261	4,6628
2	7,7709			5,7243				5,3617	7,7709	5,8808
3	7,8195	7,3222		6,4314				5,1761	7,9395	6,4548
4	7,5682			5,8062				3,5185	7,5682	5,8084
5	7,3979	6,3617		5,2553			3,1761	4,9868	7,4362	5,4448
6	6,5441			3,5185				4,1139	6,5441	4,2122
7	6,8633	6,0000		4,3802				4,4314	6,9191	4,7076
8	7,0792	6,1139		4,1761				5,0792	7,1239	5,1303
9	7,1461	5,7782		3,7782				4,9868	7,1644	5,0128
10	6,3711	5,8293		3,9294	3,2672	2,3979		4,0607	6,4807	4,3444
11	7,4249	6,7597		4,8751	3,6990	3,3979		4,9777	7,5099	5,2492
12	7,3222	6,2430		4,6990	3,6990			4,7782	7,3570	5,0607
13	7,2945	6,2430		4,9661			3,6990	5,3900	7,3314	5,5352
14	6,5563	5,6767		4,0607	3,3979	3,6128		3,8451	6,6101	4,3997
15	3,8129	3,6021	3,0000	2,4771	3,2672			3,2041	4,0607	3,5741
16	5,5740	3,4771	3,3010		4,7284	2,4771		2,6990	5,5798	4,7348
17	6,8451			4,1139				3,9868	6,8451	4,3561
18	6,9165	6,0000	4,8751	4,8293				4,8451	6,9696	5,1383
19	6,8615	6,5611		5,0022				5,0286	7,0378	5,3166
20	5,0414	4,7782	3,4771	2,8751	3,7404	2,3979		4,9031	5,2380	4,9370
21	7,1973	6,0969		4,3856	2,6990	2,3979		4,1614	7,2304	4,5971
22	7,4807	6,0969		5,1614				5,1399	7,4983	5,4518
23	7,3064	5,8751		5,0969				5,0607	7,3222	5,3802
24	7,3979	6,0000		5,2041				5,3010	7,4150	5,5563
25	7,1538	6,0969		4,4023				4,6021	7,1903	4,8146
26	7,3170	6,3010		4,8293				5,0792	7,3570	5,2730
27	5,3802	5,8751		3,5563	3,6532			4,5315	5,9956	4,6243
28	5,9445				4,0792			3,3222	5,9445	4,1493
29	4,8976	3,3010	4,0414		4,2175			4,9638	4,2176	
30	2,6990	2,6990			2,1761			3,0004	2,1847	
31	6,7924	5,5441		3,6990	3,7782	3,0000		5,6435	6,8162	5,6551
32	5,5441	4,0000	4,3979	2,6990	4,3222			3,9294	5,5855	4,4771
33	5,0792	4,1761		2,4771	3,0414			3,8751	5,1303	3,9494
34	6,6435	6,1761			3,6990			4,7404	6,7709	4,7782
35	4,8062						2,8451	2,8451	4,8062	3,1467
36	5,4314	5,1761	2,4771		3,1139			3,2041	5,6236	3,4627
37	6,5315	5,8451		2,6990	2,7782			3,9868	6,6128	4,0335
38	5,5911	5,8751		2,6021	3,5315	2,7782		4,5441	6,0569	4,5955
39	5,9590	5,3979		3,3979	3,1461			3,8195	6,0645	4,0212
40	6,1139	5,7076		4,0414	4,2304			4,0414	6,2577	4,5911
41	6,7324	6,1461		4,1761	3,2788			4,6021	6,8325	4,7551
42	6,2304	5,2788		2,9542				3,4914	6,2765	3,6023

29 Sonnenblumenkerne		Werte von: 2003-2016 n= 98							KG1-3	KG4-7
		KG 1	KG 2	KG 3	KG 4	KG 5	KG 6	KG 7	Median	Median
Cfu/g	Orientierungswerte	5.000.000	500.000	50.000	30.000	20.000	3.000	20.000		
Cfu/g	2/3 W	839.691	58.955	108.159	20.663	17.497	1.997	14.321		
Cfu/g	10*log(50.Quantil +0,5)	1.454.648	86.603	47.434	34.785	15.811	3.000	23.717		24.002
Cfu/g	10*log(50.Quantil +1)	4.600.000	273.861	150.000	110.000	50.000	9.487	75.000	476.996	
	Quant.Rang (OW)	94,4	81,6	60,1	71,8	67,3	71,0	77,9		
	Rang(50.Quantil +0,5)	72,7	70,1	59,8	73,8	64,9	71,0	80,6		
	Rang(50.Quantil +1)	92,8	78,2	75,0	90,1	76,9	83,8	93,6		

30 Kälber (gepresste Mischfutter)		Werte von: 2006-2016 n= 169							KG1-3	KG4-7
		KG 1	KG 2	KG 3	KG 4	KG 5	KG 6	KG 7	Median	Median
Cfu/g	Orientierungswerte	300.000	200.000	10.000	2.000	4.000	1.000	5.000		
Cfu/g	2/3 W	59.478	29.953	4.726	278	895	100	1.232		
Cfu/g	10*log(50.Quantil +1)	300.000	140.000	20.000	2.000	4.000	1.000	5.244	34.001	603
Cfu/g	10*log(90.Q)	491.358	145.917	18.661	1.703	2.530	524	5.143		
	Quant.Rang (OW)	87,0	91,6	77,4	92,0	93,8	92,9	89,8		
	10*log(50.Quantil +1)	87,0	89,5	90,3	96,0	93,8	92,9	90,0		
	Quant.Rang (66,6.Q) =2/3W	66,6	66,6	66,6	66,6	66,6	20,5	66,6		

Median	log	5,663	4,438	4,176	4,041	3,699	2,977	3,875	5,679	4,380
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Häufigkeit	92,9%	71,4%	17,3%	73,5%	83,7%	34,7%	70,4%	100,0%	99,0%
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n= 98		log KBE/g							KG1-3	KG4-7
Probe Nr.		KG 1	KG 2	KG 3	KG 4	KG 5	KG 6	KG 7		
1	6,447	5,785		3,681					6,533	3,682
2	4,477	5,175	2,699		3,903	2,699	2,699		5,255	3,954
3	6,431	4,380		3,041	4,453			3,826	6,435	4,559
4	6,544			3,556	3,591			3,863	6,544	4,170
5	4,699	5,439	5,176		3,699	5,796		3,699	5,677	5,803
6	6,127			2,477	3,618			3,362	6,127	3,829
7	6,618			4,574	5,061	3,929			6,618	5,207
8	5,699		5,114	4,176	5,470	4,176	4,602		5,799	5,562
9	4,431	3,813			3,423	1,699	2,301		4,525	3,463
10	2,699	3,398			2,301			3,477	2,307	
11	6,556	5,653		4,699	5,114	4,000	4,176		6,607	5,312
12	6,230	4,699		4,778	5,064		4,903		6,243	5,408
13	5,924	4,301		4,477	5,146		4,000		5,934	5,255
14	4,000				4,607			4,000	4,607	
15	6,408			3,243	3,146		3,602		6,408	3,854
16	4,799	4,255			5,425		3,875		4,908	5,437
17	5,889	4,699		3,875	5,834	2,398	3,875		5,916	5,844
18	6,297	4,398	4,398	4,954	4,352	3,000	3,875		6,307	5,083
19	7,732	6,322			6,380		5,230		7,749	6,410
20	6,623	6,477		5,602	5,000			6,857	5,699	
21	5,279	4,863		3,079	3,380		3,716		5,420	3,945
22	4,491	3,903	3,699	3,477	3,778		3,845		4,643	4,204
23	4,301				2,778	2,477		4,301	2,955	
24	5,362	4,591			4,097	2,477	3,740		5,430	4,262
25		4,477						4,477		
26	4,477	4,079		3,079				4,623	3,080	
27	4,699			2,000	3,301	3,000	3,699	4,699	3,908	
28	5,322	4,602		3,301	4,531	3,000		5,398	4,568	
29	4,491	3,602			3,079	2,477	2,301	4,544	3,231	
30	6,803		5,301	4,398	5,176		4,000	6,816	5,267	
31	6,201		2,699	5,362	3,813	3,699	4,813	6,202	5,486	
32	5,857				5,041		5,531	5,857	5,653	
33	7,591			4,322	4,903		4,146	7,591	5,061	
34	4,708	3,778			3,255			4,756	3,256	
35	4,732	3,477	3,204		3,556			4,768	3,557	
36	4,230	4,301			3,690			4,581	3,690	
37	6,556		5,301	4,602	5,017	4,301		6,580	5,215	
38	5,041			4,041	3,653	2,845	3,699	5,041	4,326	
39	4,544			3,398			2,477	4,544	3,447	
40	5,724			3,699	4,389	3,000	4,190	5,724	4,663	
41	6,690	5,903		4,301	3,602			6,756	4,380	
42	5,663			3,079	3,653			5,663	3,756	

Median	log	4,477	4,146	3,301	2,301	2,602	2,000	2,720	4,531	2,780
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Häufigkeit	78,1%	85,8%	18,9%	15,4%	69,8%	23,7%	28,4%	100,0%	75,1%
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n= 169		log KBE/g							KG1-3	KG4-7
Probe Nr.		KG 1	KG 2	KG 3	KG 4	KG 5	KG 6	KG 7		
1	4,114	4,000								4,362
2		5,146								5,146
3	3,857				2,000					3,857
4	6,708	4,763					3,881			6,712
5		3,929								3,930
6		3,568								3,568
7	3,519	5,544				2,322		2,415		5,548
8	6,663					4,531		4,114		6,663
9	2,699	3,398				2,204				3,477
10	4,602	6,653		3,898	5,820		4,968			6,657
11		4,146				2,079				4,146
12	5,380	5,431		2,602	3,000		2,699			5,708
13	3,477	4,342			2,959					4,398
14		3,690								3,690
15	5,919	4,699				2,602	3,929			5,944
16	6,255	5,301				2,322	3,531			6,301
17	3,000	4,568				3,114	3,041			4,580
18		3,544								3,544
19		4,146				2,079				4,146
20	5,380	5,431		2,602	3,000		2,699			5,708
21	3,477	4,342			2,959					4,398
22	2,740	4,362								4,372
23	3,653	4,556								4,607
24		4,716								4,716
25		4,568								4,568
26		4,653				3,613				4,653
27	4,519	4,778		2,380						4,968
28		3,653								3,653
29		4,398								4,398
30	4,556	4,881				2,987	2,519			5,049
31		3,681								3,681
32		4,146								4,146
33	5,301	6,204								6,255
34		5,322		2,591						5,322
35	3,477	4,491								4,531
36		3,556								3,557
37		4,322								4,322
38		4,362								4,362
39		4,114								4,114
40	4,519	4,785								4,973
41		3,623								3,623
42		3,716								3,716

31 Schafe+Ziegen (gepresste Mischfutter)								Werte von: 2003-2016		n= 104	
Pellets											
	KG 1	KG 2	KG 3	KG 4	KG 5	KG 6	KG 7	KG1-3	KG4-7		
Cfu/g	Orientierungswerte	400.000	200.000	10.000	2.000	5.000	1.000	1.000	1.000	Median	Median
Cfu/g	10*log(50.Quantil +1)	360.000	200.000	30.000	1.500	5.000	775	1.000	1.000	68.501	651
Cfu/g	10*log(50.Quantil +0,5)	113.842	63.246	9.487	474	1.581	245	316			
Cfu/g	10*log(90.Q)	230.000	108.500	16.651	615	2.720	331	2.593			
	Quant.Rang (OW)	91,7	94,5	87,4	94,9	93,4	96,4	84,0			
	Quant.Rang (50.Q+1)	91,5	94,5	95,4	94,1	93,4	95,9	84,0			
	Quant.Rang (50.Q+0,5)	79,5	77,9	87,2	88,7	79,3	87,4	69,6			
Median	log	4,556	4,301	3,477	2,176	2,699	1,889	2,000	4,836	2,814	

Häufigkeit	77,9%	94,2%	22,1%	17,3%	85,6%	21,2%	27,9%	99,0%	87,5%
n= 104									

Probe Nr.	log KBE/g							KG1-3	KG4-7
	KG 1	KG 2	KG 3	KG 4	KG 5	KG 6	KG 7		
1		4,000		2,000				4,000	2,013
2		4,699			2,398			4,699	2,403
3	4,000	4,000			2,176		1,699	4,301	2,305
4	4,301	4,000			2,477			4,477	2,481
5	4,699	4,845			3,290			5,079	3,291
6		3,716			2,000			3,716	2,013
7	4,000	4,000			2,176		1,699	4,301	2,305
8	4,301	4,000			2,477			4,477	2,481
9	4,699	4,845			3,290			5,079	3,291
10	4,301	4,778			3,415			4,903	3,415
11		4,301			2,740			4,301	2,743
12	4,477	4,602			2,602			4,845	2,605
13		4,699			1,699			4,699	1,724
14	4,845	4,699			2,740			5,079	2,743
15	3,000	5,035	3,477		3,980	1,699		5,051	3,982
16	5,362	4,301		2,176	2,653		1,699	5,398	2,814
17	5,789	4,978	2,699		2,176		2,000	5,852	2,401
18	4,778	4,778	3,301	3,176	3,312	2,000	2,699	5,086	3,618
19	6,046	3,699	3,477		2,653	2,176	3,519	6,049	3,591
20	4,592	4,544	2,653	2,000	2,929	1,699	2,000	4,872	3,041
21	2,602	3,301		2,176	2,740			3,380	2,846
22	4,423	3,653			3,217			4,491	3,218
23	5,889	3,929	2,699		2,740	2,544	2,845	5,894	3,204
24	5,964		3,699	2,602	3,447	2,301	3,041	5,966	3,653
25	3,699	3,778	3,000		2,176		1,477	4,079	2,260
26	4,342	4,204	3,000	2,398	2,813	1,699	2,114	4,591	3,033
27	4,574	3,978	3,000		3,431		2,000	4,681	3,447
28		4,079			4,079			4,079	
29	3,000	5,365			2,176		2,000	5,366	2,401
30	3,699	5,415	3,699	2,398	2,875			5,431	3,001
31	3,477				3,041			4,869	3,043
32		3,771			1,653			3,771	1,681
33		3,869			2,833			3,869	2,834
34		4,255			2,301			4,255	2,307
35		3,732			2,255			3,733	2,262
36		3,869			2,279			3,869	2,286
37	3,114	3,833			3,909			3,909	
38	3,255	4,204		2,623	2,591		1,477	4,250	2,925
39	3,740	5,322			2,255			5,333	2,262
40	5,279	5,380						5,633	
41	4,556	4,949			1,477			5,097	1,519
42	4,079	4,568				1,477	1,477	4,690	1,792

32 Extraktionsschrote								Werte von: 1994-1996		n= 429	
Novellierung								Werte von: 2002-2017		n= 343	
	KG 1	KG 2	KG 3	KG 4	KG 5	KG 6	KG 7	KG1-3	KG4-7		
Cfu/g	Orientierungswerte	500.000	1.000.000	50.000	5.000	15.000	1.000	10.000	10.000	Median	Median
Cfu/g	10*log(50.Quantil +1)	559.911	800.000	50.000	5.000	15.000	1.500	12.000	12.000	142.101	3.375
Cfu/g	10*log(50.Quantil +0,5)	177.059	252.982	15.811	1.581	4.743	474	3.795			
Cfu/g	10*log(90.Q)	614.717	633.981	40.770	4.000	19.671	1.635	16.000			
	Quant.Rang (OW)	87,3	93,3	90,9	91,7	87,7	80,5	85,5			
	Quant.Rang (50.Q+1)	89,1	91,7	90,9	92,8	87,7	89,8	87,6			
	Quant.Rang (50.Q+0,5)	71,6	77,2	79,3	79,2	74,8	66,8	71,2			
Median	log	4,748	4,903	3,699	2,699	3,176	2,176	3,079	5,153	3,528	

Häufigkeit	76,2%	91,6%	24,5%	45,7%	81,6%	32,1%	67,5%	97,3%	90,7%
n= 772									

Probe Nr.	log KBE/g							KG1-3	KG4-7
	KG 1	KG 2	KG 3	KG 4	KG 5	KG 6	KG 7		
neu 1	5,716	5,255			2,845		3,000	5,845	3,231
neu 2		4,431						4,431	
neu 3		5,591			3,398			5,591	3,398
neu 4	3,477	4,255						4,322	
neu 5	4,477			2,477	2,602		2,875	4,477	3,162
neu 6				2,000	2,929	2,929	1,699	3,267	
neu 7		4,000			2,839			4,000	2,841
neu 8	3,954	5,623		2,699	3,079		3,301	5,632	3,568
neu 9		3,991			2,505		2,176	3,991	2,674
neu 10	3,954	4,869			2,672		2,681	4,919	2,979
neu 11	3,954	4,914			2,602		2,690	4,959	2,950
neu 12	4,041	5,491					4,041	5,507	4,042
neu 13		5,176			2,230		3,724	5,176	3,738
neu 14		4,886			2,380		1,362	4,887	2,423
neu 15	4,114	5,447			2,996		2,863	5,467	3,236
neu 16		5,591			3,690		2,477	5,591	3,716
neu 17	4,519	4,886			3,176		2,771	5,041	3,321
neu 18		3,447			2,230			3,447	2,238
neu 19		4,041			2,681			4,041	2,684
neu 20		4,978			2,322		2,041	4,978	2,508
neu 21	3,740	4,079			2,230		2,114	4,243	2,480
neu 22		3,491					2,322	3,492	2,328
neu 23	3,301	4,431					3,505	4,462	3,690
neu 24		5,623		2,477	2,699			5,623	2,904
neu 25		4,908			2,699		3,000	4,908	3,177
neu 26	4,580	5,000			2,301		3,079	5,140	3,147
neu 27	4,279	4,000			2,929		2,398	4,462	3,042
neu 28	3,114	5,114			2,954			5,118	2,956
neu 29		3,771						3,771	
neu 30	3,146	2,301						3,204	
neu 31		3,431						3,432	
neu 32		4,146	2,845		2,477		2,477	4,167	2,780
neu 33	5,362	5,176		2,778	2,954		3,301	5,580	3,544
neu 34	3,301	4,690	2,778		3,301		3,114	4,713	3,519
neu 35		4,176			2,845		2,301	4,176	2,955
neu 36	4,322	5,756			3,653		3,792	5,772	4,029
neu 37		5,623		2,845	3,176		3,756	5,623	3,898
neu 38		2,954						2,955	
neu 39	4,204	4,580			2,602			4,732	2,605
neu 40		5,079			2,903		3,415	5,079	3,532
neu 41	3,000	3,839	2,301		3,146			3,908	3,147
neu 42	5,922	5,097		3,140	2,756	1,699	3,796	5,983	3,916

33 Flüssigfutter		Werte von: 2016-2021							n= 222 Bakterien (KG1-3)		
		n= 320 Pilze (KG4-7)							KG1-3	KG4-7	
	KG 1	KG 2	KG 3	KG 4	KG 5	KG 6	KG 7	Median	Median		
Cfu/g	8.000.000	100.000	20.000	5.000	5.000	1.000	1.000.000				
Cfu/g	10*log(50.Quantil +1)	27.982.097	250.000	71.414	20.000	20.000	134.164	4.250.005			
Cfu/g	10*log(50.Quantil +0,5)	8.848.716	79.057	22.583	6.325	6.325	42.426	1.343.970	2.301.589	429.971	
Cfu/g	10*log(90.Q)	147.994.433	449.897	117.958	26.388	53.843	260.488	12.252.818			
	Quant.Rang (OW)	60,9	70,0	69,1	75,6	61,0	0,0	61,3			
	Quant.Rang (50.Q+1)	77	83	86	86	82	78	79			
	Quant.Rang (50.Q+0,5)	62,4	67,2	70,2	76,0	65,0	55,1	64,7			
Median	log	6,447	4,398	3,854	3,301	3,301	4,128	5,628	6,362	5,633	
Häufigkeit		93,7%	71,2%	9,9%	24,7%	24,4%	7,5%	93,1%	99,1%	95,0%	
		log KBE/g									
Probe Nr.	KG 1	KG 2	KG 3	KG 4	KG 5	KG 6	KG 7	KG1-3	KG4-7		
1	3,699	5,074					5,531	5,092	5,531		
2	8,177	3,602					7,335	8,177	7,335		
3	5,176						4,282	5,176	4,282		
4	5,839	3,301			3,021		3,439	5,840	3,580		
5					4,000	3,740	5,439		5,463		
6	7,069	4,255					5,638	7,069	5,638		
7	6,945	4,114					5,591	6,946	5,591		
8	7,135	4,190					5,851	7,136	5,851		
9	5,618	4,079					4,439	5,630	4,439		
10					3,079		6,878		6,878		
11	6,065	5,114					6,079	6,111	6,079		
12	6,686	4,377	4,656				7,013	6,692	7,013		
13	6,648	4,740	3,301				5,782	6,654	5,782		
14	6,597	4,301	3,699				5,667	6,599	5,667		
15	6,813						6,301	6,813	6,301		
16	6,954	3,462					4,760	6,954	4,760		
17	7,145	4,079						7,145			
18	7,079						4,477	7,079	4,477		
19	5,562	3,000	3,301	3,398	4,097	3,176	5,903	5,566	5,912		
20							5,618		5,618		
21							6,249		6,249		
22	7,574	5,653					7,519	7,579	7,519		
23							7,260		7,260		
24	7,041	5,653		3,000	5,398	4,699	6,332	7,059	6,389		
25	8,000	6,176		3,000	3,740		6,875	8,006	6,875		
26	8,168	5,000		4,464	4,146		7,519	8,168	7,519		
27	7,362	5,477		4,176	5,146	4,778	6,190	7,367	6,247		
28	8,101	5,845		4,398	4,176	4,477	6,556	8,103	6,565		
29	8,116	5,699		3,398	3,176		6,519	8,117	6,519		
30	8,681	4,653					5,362	8,681	5,362		
31	7,204	3,875					5,653	7,204	5,653		
32	8,307						5,262	8,307	5,262		
33	8,004						5,357	8,004	5,357		
34							5,199		5,199		
35					3,000		5,184		5,187		
36							4,708		4,708		
37							3,439		3,439		
38											
39							5,389		5,389		
40	7,041	6,638	4,845				6,927	7,188	6,927		
41	5,895	4,230			3,431		4,322	5,905	4,375		
42	6,130	3,813	3,000		3,322		4,585	6,133	4,609		