



CERTIFICATE OF PARTICIPATION

This certificate confirms that:
MPA Eberswalde, Materialprüfanstalt Brandenburg GmbH

took part in:
BLANK (FAPAS) Proficiency Test 19168b
Blank Material in Blank Orange Purée

and were allocated laboratory number **25.**

The performance of the laboratory is shown in the relevant report, which is available from the secure pages at www.fapas.com

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Table 1 (continued): Results and z-Scores for 2-Phenylphenol, beta-Endosulfan, Epoxiconazole and Phosmet

laboratory number	analyte															
	2-phenylphenol assigned value 111 µg/kg				beta-endosulfan assigned value 46.5 µg/kg				epoxiconazole assigned value 90.3 µg/kg				phosmet assigned value 53.2 µg/kg			
	result µg/kg	recovery %	LoQ µg/kg	z-score	result µg/kg	recovery %	LoQ µg/kg	z-score	result µg/kg	recovery %	LoQ µg/kg	z-score	result µg/kg	recovery %	LoQ µg/kg	z-score
016	#				94.5	94.46	10	4.7	#				#			
017	103	109	10	-0.3	46	86	10	0.0	93	103	5	0.1	55	100	10	0.2
018	#				0			-4.5	#				#			
019	#				42	78	10	-0.4	96	76	10	0.3	#			
020	#				66.76	105	10	2.0	110.63	84	10	1.0	95.38	111	10	3.6
021	#				20		10	-2.6	#				20		11	-2.8
022	#				#				0	-	10	-4.5	0	-	10	-4.5
023	#				84.45	98.5	5	3.7	#				#			
024	#				0		5	-4.5	#				55.0	100	5	0.2
025	121	115	10	0.4	50	110	10	0.3	92	110	10	0.1	54	100	10	0.1
026	135	107	10	1.0	51	107	30	0.4	99	104	10	0.4	52	97	10	-0.1
027	61	115	10	-2.0	47	83	10	0.0	109	89	10	0.9	24	90	10	-2.5
028	#				44.6	100	10	-0.2	134.3	100	10	2.2	66.9	100	10	1.2
029	104.1	100	10	-0.3	61.0	100	10	1.4	107.1	100	10	0.8	64.3	100	10	0.9
030	#				56.61	107	10	1.0	#				81.50	112	10	2.4

= not analysed

z-scores outside |z| >2 are shown in **bold**, see Section 5

Table 2: Results and z-Scores for Pyraclostrobin, Pyrimethanil and Tebuconazole

laboratory number	analyte											
	pyraclostrobin assigned value 95.0 µg/kg				pyrimethanil assigned value 90.5 µg/kg				tebuconazole assigned value 82.9 µg/kg			
	result µg/kg	recovery %	LoQ µg/kg	z-score	result µg/kg	recovery %	LoQ µg/kg	z-score	result µg/kg	recovery %	LoQ µg/kg	z-score
001	94	99	10	0.0	90	100	10	0.0	80	94	10	-0.2
002	96	103	10	0.0	90	94	10	0.0	79	98	10	-0.2
003	104	89	10	0.4	102	87	10	0.6	90	92	10	0.4
004	97	100	10	0.1	91	82	10	0.0	82	71	10	-0.1
005	91	100	20	-0.2	98	100	10	0.4	71	95	20	-0.7
006	117		10	1.1	14		10	-3.8	30		10	-2.9
007	#				118.04	117	20.00	1.4	96.93	117	20.00	0.8
008	118	103	10	1.1	92	80	10	0.1	#			
009	69.3	93	10	-1.2	92.8	77	10	0.1	80	87	10	-0.2
010	88	90	10	-0.3	77	75	10	-0.7	68	76	10	-0.8
011	#				#				100.94		50	1.0
012	#				81	100	5	-0.5	47	100	10	-2.0
013	#				#				#			
014	#				#				68.40	112.55	10	-0.8
015	114	83	10	0.9	110	99	10	1.0	95	88	10	0.7
016	#				#				#			
017	114	85	5	0.9	88	90	5	-0.1	90	116	5	0.4
018	#				#				#			
019	88	96	10	-0.3	77	88	10	-0.7	49	82	10	-1.9
020	123.99	90	10	1.4	120.11	93	10	1.5	105.96	107	10	1.3
021	90		10	-0.2	20		10	-3.5	120		10	2.0
022	897	78	10	38.4	0	-	10	-4.5	676	77	10	32.5
023	#				#				#			
024	71.0	100	5	-1.1	61.0	100	5	-1.5	80.0	100	5	-0.2
025	100	100	10	0.2	92	100	10	0.1	76	100	10	-0.4
026	102	106	10	0.3	101	101	10	0.5	83	104	10	0.0
027	110	92	10	0.7	100	105	10	0.5	104	102	10	1.2
028	#				106.5	100	10	0.8	121.5	100	10	2.1

= not analysed

z-scores outside $|z| > 2$ are shown in **bold**, see Section 5