

Cyprodinil

NOTIFICATION OF AN ACTIVE SUBSTANCE UNDER COMMISSION REGULATION (EU) 844/2012

DOCUMENT L-CA, Section 4 Supplement Reference List

ANALYTICAL METHODS

Version history¹

Date	Data points containing amendments or additions and brief description	Document identifier and version number
20 May 2016	CA 4.1.1, CA 4.1.2, 4.2 Additional reports included. (all changes highlighted in yellow)	CGA219417_11581 8 October 2015 updated 20/5/2016
1 February 2017	CA 4.1.2 Additional report included. (all amendments are highlighted in green)	CGA219417_11581 8 October 2015 updated 20/5/2016, 1/2/17
31 March 2017	CA 4.1.2.d Addition of validation of dislodgeable foliar residue method and validation. CA 4.2 (b) Addition of water method and validation for CGA321915 All amendments are highlighted in green.	CGA219417_11581 8 October 2015 updated 20/5/2016, 1/2/17, 31/3/17
31 May 2017	CA 4.1.2 (e) Addition of validation report for crop method CA 4.1.2 (f) Addition of reports containing the analytical method validation for ecotoxicology studies CA 4.2 (a) Addition of validation and independent laboratory validation for the QuEChERS crop method CA 4.2 (b) Addition of independent laboratory validation for CGA321915 and revised water method GRM010.13B for CGA321915 All amendments are highlighted in green.	CGA219417_11581 8 October 2015 updated 20/5/2016, 1/2/17, 31/3/17, 31/5/17

¹ It is suggested that applicants adopt a similar approach to showing revisions and version history as outlined in SANCO/10180/2013 Chapter 4 How to revise an Assessment Report.

- Art. 33 Justifications of steps taken to avoid animal testing and duplication of such testing
- Justification: There is no repetition of studies involving vertebrates. Animal studies were only performed where there were no data available to address an endpoint, no extrapolation to existing data possible or the available data were not done according to modern guidelines or because they were necessary to comply with regulatory requirements outside of EU28. The testing strategy takes into account methods compliant with the 3R concept for refinement, reduction and replacement of animal testing where applicable and acceptable.
- Art. 33 Reasons for necessity for submission of tests and study reports
- Reason: since this active substance was previously registered there have been changes to active substance endpoints and test, study and assessment guidelines; therefore where necessary in order to obtain re-approval new tests and study reports are provided.

Reference List, by Data Point

08 October 2015

KCA Section 4, Analytical methods

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
KCA 4.1.1 / 01	Mink C.	2014	Cyprodinil - Analytical Method SA-84/1 Syngenta Syngenta Crop Protection, Mönchwil, Switzerland, 300021926 Not GLP not published Syngenta File No CGA219417_11577	N	N	-	SYN
KCA 4.1.1 / 02	Mink C.	2014a	Cyprodinil - Validation of Analytical Method SA-84/1 Syngenta Syngenta Crop Protection, Mönchwil, Switzerland, CHMU140480 GLP not published Syngenta File No CGA219417_11576	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
KCA 4.1.1 / 03	Mink C.	2014b	Cyprodinil - Analytical Method SB-93/1 Syngenta Syngenta Crop Protection, Mönchwil, Switzerland, 300025775 Not GLP not published Syngenta File No CGA219417_11618 This is CONFIDENTIAL INFORMATION	N	N	-	SYN*

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KCA 4.1.1 / 04	Mink C.	2014c	Cyprodinil - Validation of Analytical Method SB-93/1 Syngenta Syngenta Crop Protection, Münchwilen, Switzerland, CHMU140479 GLP not published Syngenta File No CGA219417_11619 This is CONFIDENTIAL INFORMATION	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN*
KCA 4.1.1 / 05	Heintz K.	2014	Confirmation of structures of by-products for Cyprodinil (CGA 219417) by mass spectroscopy Syngenta Syngenta Crop Protection, Münchwilen, Switzerland, 300031593 Not GLP not published Syngenta File No CGA219417/0985 This is CONFIDENTIAL INFORMATION	N	N	-	SYN*
KCA 4.1.1 / 06	Mink C.	2016	Statement on Specificity of Method SA-84/1 for the analysis of the active substance Cyprodinil Syngenta Syngenta Crop Protection, Münchwilen, Switzerland, 300055902 Not GLP not published Syngenta File No CGA219417_11676	N	N	-	SYN

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KCA 4.1.1 / 07	Oggenfuss P.	1999a	Validation of analytical method AG-1229 (nitrosamines) Novartis Crop Protection AG, Basel, Switzerland Novartis Crop Protection Mönchwilten AG, Mönchwilten, Switzerland, 75686 GLP not published Syngenta File No N/0363 This is CONFIDENTIAL INFORMATION	N	N	Existing data; no longer eligible for data protection according to SANCO/12576/2012	SYN*
KCA 4.1.2 / 01	Davies I., Castle B.	2016	Cyprodinil - Validation of a Bioanalytical Method for the Determination of Cyprodinil in Mouse Blood: Water [1:1 (v/v)] Syngenta Sequani Limited, Ledbury, United Kingdom, BF10516 GLP not published Syngenta File No CGA219417_11761	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN

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KCA Section 4, Analytical methods

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KCA 4.1.2 / 0102	Krainz A.	2009	Validation of a Residue Analytical Method for the Determination of Cyprodinil in/on Personal Protective Equipment (Coverall, Underwear, Nitrile Gloves, Hand wash Solution, Wipes) and Air Samples Syngenta Harlan Laboratories Ltd., Itingen, Switzerland, A36865 GLP not published Syngenta File No CGA219417_11657	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
KCA 4.1.2 / 03	Braid S, Langridge G.	2017	Cyprodinil – Residue Method GRM010.11A for the Determination of Dislodgeable Foliar Residues of Cyprodinil in Apple Leaf Wash Solutions. Syngenta CEM Analytical Services, UK. Report No. GRM010.11A Not GLP not published Syngenta File No. CGA219417_11772	N	N		SYN

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Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
KCA 4.1.2 / 04	Langridge G.	2017	Cyprodinil – Validation of Analytical Method GRM010.11A for the Determination of Dislodgeable Foliar Residues of Cyprodinil in Apple Leaf Wash Solutions. Syngenta CEM Analytical Services, UK. Report No. CEMR-7723 GLP not published Syngenta File No. CGA219417_11776	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
KCA 4.1.2 / 020305	Chaggar S.	2005	Residue Method for the Determination of Residues of Cyprodinil (CGA 219417) in Crops. Final Determination by LC-MS/MS. Syngenta Crop Protection AG, Basel, Switzerland Syngenta, Jealott's Hill, United Kingdom, REM 141.10 Not GLP not published Syngenta File No CGA219417/1278	N	N	-	SYN

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Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
KCA 4.1.2 / 030406	Chaggar S.	2005a	Cyprodinil (CGA219417): Validation of Analytical Method REM 141.10 for the Determination of Residues in Crops. Final Determination by LC-MS/MS. Syngenta Crop Protection AG, Basel, Switzerland Syngenta - Jealott's Hill, Bracknell, United Kingdom, RJ3583B GLP not published Syngenta File No CGA219417/1277	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
KCA 4.1.2 / 07	Richter S.	2017	Cyprodinil (CGA219417): Validation of Analytical Method REM141.10 for the Determination of Residues of Cyprodinil in Crops by LC-MS/MS Syngenta PTRL Europe, Ulm, Germany, P 4186 G GLP not published Syngenta File No CGA219417_11778	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN

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KCA 4.1.2 / 04050708	Hamilton L., Joseph T.	2006	Analytical method for the determination of residues of cyprodinil and its metabolite, CGA304075 in ruminant livestock commodities Syngenta Crop Protection AG, Basel, Switzerland Syngenta Crop Protection, Inc., Greensboro, USA, GRM010.01A Not GLP not published Syngenta File No CGA219417/1640	N	N	-	SYN
KCA 4.1.2 / 05060809	Hamilton L., Joseph T.	2006a	Validation of Analytical Method GRM010.01.A for the Determination of Residues of Cyprodinil and its Metabolite, CGA304075 in Ruminant Livestock Commodities Syngenta Crop Protection AG, Basel, Switzerland Syngenta Crop Protection, Inc., Greensboro, USA, T001771-05 GLP not published Syngenta File No CGA219417/1527	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN

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KCA 4.1.2 / 10	Hakin B., Rodgers M.	1992	CGA 219417, Acute oral toxicity (LD50) to bobwhite quail Novartis Crop Protection AG, Basel, Switzerland Huntingdon Research Centre Ltd., Huntingdon, United Kingdom, CBG 527/901712 GLP not published Syngenta File No CGA219417/0067	Y	N	-	SYN
KCA 4.1.2 / 11	Rodgers M.	1995	CGA 219417, Effects on reproduction in bobwhite quail after dietary administration Novartis Crop Protection AG, Basel, Switzerland Huntingdon Research Centre Ltd., Huntingdon, United Kingdom, CBG 672/950770 GLP not published Syngenta File No CGA219417/0478	Y	N	-	SYN
KCA 4.1.2 / 12	Ward T., Magazu J., Boeri R.	1995	Acute flow-through toxicity of CGA 219417 to the sheepshead minnow, <i>Cyprinodon variegatus</i> Novartis Crop Protection Inc., Greensboro, USA T. R. Wilbury Laboratories, Inc., Marblehead, MA, USA, 829-CG GLP not published Syngenta File No CGA219417/0652	Y	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN

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KCA 4.1.2 / 13	Ward T., Magazu J., Boeri R.	1995a	Early-life-stage toxicity of CGA 219417 to the fathead minnow, <i>Pimephales promelas</i> Novartis Crop Protection Inc., Greensboro, USA T. R. Wilbury Laboratories, Inc., Marblehead, MA, USA, 846-CG GLP not published Syngenta File No CGA219417/0653	Y	N		SYN
KCA 4.1.2 / 14	Minderhout T., Keller K., Gallagher S., Martin K.	2014	Cyprodinil - An Early Life-Stage Toxicity Test with the Sheepshead Minnow (<i>Cyprinodon variegatus</i>) Syngenta Wildlife International Ltd., Easton, Maryland 21601, USA, 528A-265 GLP not published Syngenta File No CGA219417_50676	Y	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
KCA 4.1.2 / 15	Boeri R., Magazu J., Ward T.	1995	Acute flow-through toxicity of CGA 219417 to the daphnid, <i>Daphnia magna</i> Novartis Crop Protection Inc., Greensboro, USA T.R. Wilbury Laboratories Inc., Massachusetts, USA, 467-CG GLP not published Syngenta File No CGA219417/0461	N	N		SYN

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KCA 4.1.2 / 16	Peither A.	2000	Acute toxicity of CGA 219417 A tech. to Daphnia longispina in a 48-hour static immobilization test Novartis Crop Protection AG, Basel, Switzerland RCC Ltd., Itingen, Switzerland, 777666 GLP not published Syngenta File No CGA219417/0993	N	N	!	SYN
KCA 4.1.2 / 17	Peither A.	2000a	Acute toxicity of CGA 219417 A tech. to Ostracoda in a 48-hour static immobilization test Novartis Crop Protection AG, Basel, Switzerland RCC Ltd., Itingen, Switzerland, 777688 GLP not published Syngenta File No CGA219417/0995	N	N	!	SYN
KCA 4.1.2 / 18	Peither A.	2000b	Acute toxicity of CGA 219417 A tech. to Chaoborus sp. in a 48-hour static immobilization test Novartis Crop Protection AG, Basel, Switzerland RCC Ltd., Itingen, Switzerland, 777701 GLP not published Syngenta File No CGA219417/0999	N	N	!	SYN

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KCA 4.1.2 / 19	Peither A.	2000c	Acute toxicity of CGA 219417 A techn. to Daphniopsis sp. in a 24-hour static immobilization test Novartis Crop Protection AG, Basel, Switzerland RCC Ltd., Itingen, Switzerland, 777824 GLP not published Syngenta File No CGA219417/0990	N	N	-	SYN
KCA 4.1.2 / 20	Peither A.	2000d	Acute toxicity of CGA 219417 A tech. to Simocephalus vetulus in a 48-hour static immobilization test Novartis Crop Protection AG, Basel, Switzerland RCC Ltd., Itingen, Switzerland, 777644 GLP not published Syngenta File No CGA219417/0994	N	N	-	SYN
KCA 4.1.2 / 21	Peither A.	2000e	Acute toxicity of CGA 219417 A tech. to Gammarus sp. in a 48-hour static immobilization test Novartis Crop Protection AG, Basel, Switzerland RCC Ltd., Itingen, Switzerland, 777745 GLP not published Syngenta File No CGA219417/0998	N	N	-	SYN

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KCA 4.1.2 / 22	Peither A.	2000f	Acute toxicity of CGA 219417 A tech. to Cloeon sp. in a 48-hour static immobilization test Novartis Crop Protection AG, Basel, Switzerland RCC Ltd., Itingen, Switzerland, 777723 GLP not published Syngenta File No CGA219417/0996	N	N	-	SYN
KCA 4.1.2 / 23	Peither A.	2000g	Acute toxicity of CGA 219417 A tech. to Lymnea stagnalis in a 48-hour static immobilization test Novartis Crop Protection AG, Basel, Switzerland RCC Ltd., Itingen, Switzerland, 777802 GLP not published Syngenta File No CGA219417/0997	N	N	-	SYN
KCA 4.1.2 / 24	Peither A.	2000h	Acute toxicity of CGA 219417 A tech. to Brachionus calyciflorus in a 24-hour static immobilization test Novartis Crop Protection AG, Basel, Switzerland RCC Ltd., Itingen, Switzerland, 777767 GLP not published Syngenta File No CGA219417/0992	N	N	-	SYN

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Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
KCA 4.1.2 / 25	Peither A.	2000i	Acute toxicity of CGA 219417 A tech. to Thamnocephalus platyurus in a 24-hour static immobilization test Novartis Crop Protection AG, Basel, Switzerland RCC Ltd., Itingen, Switzerland, 777780 GLP not published Syngenta File No CGA219417/0991	N	N		SYN
KCA 4.1.2 / 26	Ward T., Magazu J., Boeri R.	1995b	Acute flow-through toxicity of CGA 219417 to the mysid, Mysisopsia bahia Novartis Crop Protection Inc., Greensboro, USA T. R. Wilbury Laboratories, Inc., Marblehead, MA, USA, 827-CG GLP not published Syngenta File No CGA219417/0649	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
KCA 4.1.2 / 27	Ward T., Magazu J., Boeri R.	1995c	Acute flow-through mollusc shell deposition test with CGA 219417 Novartis Crop Protection Inc., Greensboro, USA T. R. Wilbury Laboratories, Inc., Marblehead, MA, USA, 828-CG GLP not published Syngenta File No CGA219417/0650	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN

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KCA Section 4, Analytical methods

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
KCA 4.1.2 / 28	Maynard S.	2011	CGA219417 - 96 hour acute toxicity to adult Asellus aquaticus Syngenta Crop Protection AG, Basel, Switzerland CEMAS, North Ascot, United Kingdom, CEMR-5070 GLP not published Syngenta File No CGA219417_11454	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
KCA 4.1.2 / 29	Maynard S.	2011a	CGA219417 - 96 hour acute toxicity to juvenile Asellus aquaticus Syngenta Crop Protection AG, Basel, Switzerland CEMAS, North Ascot, United Kingdom, CEMR-5069 GLP not published Syngenta File No CGA219417_11453	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
KCA 4.1.2 / 30	Volz E.	2005	Cyprodinil 300 EC Formulation (A14325E): Acute toxicity to Daphnia magna in a 48-hour immobilization test Syngenta Crop Protection AG, Basel, Switzerland RCC Ltd., Itingen, Switzerland, 859286 GLP not published Syngenta File No CGA219417/1357	N	N		SYN

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KCA 4.1.2 / 31	Wallace S.J.	2001	CGA 219417: Acute toxicity to <i>Daphnia magna</i> of a 50% w/w WG formulation Syngenta Crop Protection AG, Basel, Switzerland Brixham Environmental Laboratory, Brixham, United Kingdom, BL7101/B GLP not published Syngenta File No CGA219417/1032	N	N		SYN
KCA 4.1.2 / 32	Drottar K., Krueger H.	1999	CGA 219417: A flow-through life-cycle toxicity test with the saltwater mysid (<i>Mysidopsis bahia</i>) Novartis Crop Protection Inc., Greensboro, USA Wildlife International Ltd., Easton, Maryland 21601, USA, 108A-205 GLP not published Syngenta File No CGA219417/0926	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
KCA 4.1.2 / 33	Grade R.	2000	Toxicity test of CGA 219417 on sediment-dwelling <i>Chironomus riparius</i> (syn. <i>Chironomus thummi</i>) under static conditions Novartis Crop Protection AG, Basel, Switzerland Novartis Crop Protection AG, Basel, Switzerland, 2003518 GLP not published Syngenta File No CGA219417/1003	N	N		SYN

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KCA 4.1.2 / 34	Ward T., Magazu J., Boeri R.	1995d	Growth and reproduction toxicity test with CGA 219417 and the marine alga, <i>Skeletonema costatum</i> Novartis Crop Protection Inc., Greensboro, USA T. R. Wilbury Laboratories, Inc., Marblehead, MA, USA, 795-CG GLP not published Syngenta File No CGA219417/0644	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
KCA 4.1.2 / 35	Ward T., Magazu J., Boeri R.	1995e	Growth and reproduction toxicity test with CGA 219417 and the duckweed, <i>Lemna gibba</i> G3 Novartis Crop Protection Inc., Greensboro, USA T. R. Wilbury Laboratories, Inc., Marblehead, MA, USA, 792-CG GLP not published Syngenta File No CGA219417/0645	N	N	-	SYN
KCA 4.1.2 / 36	Ashwell J., Benyon K., Powley W., Richardson M.	2007	Cyprodinil (CGA219417) 300 g/L EC formulation A14325E - Effects on aquatic organisms in an outdoor microcosm Syngenta Crop Protection AG, Basel, Switzerland Syngenta - Jealott's Hill, Bracknell, United Kingdom, T008777-05-REG 2034035 GLP not published Syngenta File No CGA219417/1683	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN

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KCA 4.1.2 / 37	Maetzler P.	1999	Acute toxicity of CGA 249287 (metabolite of CGA 219417) for rainbow trout Novartis Crop Protection AG, Basel, Switzerland Novartis Services AG, Basel, Switzerland, G 571 04 GLP not published Syngenta File No CGA249287/0007	Y	N	-	SYN
KCA 4.1.2 / 38	Pfeifle V.	2001	Acute toxicity test of CGA 275535 (Metabolite of CGA 219417) to rainbow trout (Oncorhynchus mykiss) under static conditions Syngenta Crop Protection AG, Basel, Switzerland Solvias AG, Basel, Switzerland, L01-000310 GLP not published Syngenta File No CGA275535/0017	Y	N	-	SYN
KCA 4.1.2 / 39	Vial A.	1991	Report on the Acute Toxicity test of CGA 263208 intermediate to Rainbow Trout (Salmo gairdneri) Novartis Crop Protection AG, Basel, Switzerland Ciba-Geigy Ltd., Basel, Switzerland, 918092 GLP not published Syngenta File No CA1059/0009	Y	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN

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KCA 4.1.2 / 40	Eckenstein H.	2015	CGA321915 - Acute toxicity to Daphnia magna in a 48-hour immobilisation test Syngenta Harlan Laboratories Ltd., Itingen, Switzerland, D96733 GLP not published Syngenta File No CGA321915_10005	N	N		SYN
KCA 4.1.2 / 41	Grade R.	1992	Report on the Acute Toxicity Test of CA 1139 A on Daphnia (Daphnia magna Straus 1820) Novartis Crop Protection AG, Basel, Switzerland Ciba-Geigy Ltd., Basel, Switzerland, 928173 GLP not published Syngenta File No CA1139/0009	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
KCA 4.1.2 / 42	Kleebaum K.	2014	Cyprodinil WG (A8637C) - Chronic toxicity to the honeybee larvae Apis mellifera L. under laboratory conditions (in vitro) Syngenta BioChem Agrar, Gerichshain, Germany, 14 10 48 145 B GLP not published Syngenta File No A8637C_10330	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN

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KCA 4.1.2 / 43	Kleebaum K.	2014a	Cyprodinil EC (A14325E) - Chronic toxicity to the honeybee larvae <i>Apis mellifera</i> L. under laboratory conditions (in vitro) Syngenta BioChem Agrar, Gerichshain, Germany, 14 10 48 146 B GLP not published Syngenta File No A14325E_10067	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
KCA 4.2 / 01	Lakaschus S.	2005	Validation of Multi-Residue Method DFG S19 (L00.00-34) For the Determination of Residues of Cyprodinil in Different Plant Matrices With LC-MS/MS Detection Syngenta Crop Protection AG, Basel, Switzerland Dr. Specht & Partner Chem. Laboratorien GmbH, Hamburg, Germany, SYN-0502V GLP not published Syngenta File No CGA219417/1388	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN

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KCA Section 4, Analytical methods

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
KCA 4.2 / 02	Reichert N.	2006	Independent Laboratory Validation of the DFG Method S19 For The Determination of Residues of Cyprodinil in Plant Matrices (Barley Grain and Strawberry) Syngenta Crop Protection AG, Basel, Switzerland Institut Fresenius, Taunusstein, Germany, IF-05/00362978 GLP not published Syngenta File No CGA219417/1469	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
KCA 4.2 / 03	Lin K., Manuli M.	2011	Analytical Method for the Determination of Residues of Cyprodinil on Crops and Tree Nuts by LC-MS/MS Syngenta Syngenta Crop Protection, LLC, Greensboro, NC, USA, GRM010.02A Not GLP not published Syngenta File No CGA219417_50141	N	N	-	SYN

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KCA Section 4, Analytical methods

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
KCA 4.2 / 04	Lin K.	2011	Validation of Analytical Method GRM010.02A for the Determination of Residues of Cyprodinil in Crops and Tree Nuts by LC-MS/MS Syngenta Syngenta Crop Protection, LLC, Greensboro, NC, USA, TK0021500 GLP not published Syngenta File No CGA219417_50142	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
KCA 4.2 / 05	Asekunowo J.	2015	Cyprodinil - Independent Laboratory Validation of GRM010.02A Method for the Determination of Residues of Cyprodinil in Crop Matrices by LC MS/MS Syngenta PTRL Europe, Ulm, Germany, P 3866 G GLP not published Syngenta File No CGA219417_11672	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
KCA 4.2 / 06	Richter S.	2017a	Cyprodinil (CGA219417): Validation of the QuEChERS Method for the Determination of Residues of Cyprodinil in Crop Matrices and Body Fluid by LC-MS/MS Syngenta PTRL Europe, Ulm, Germany, P 4185 G GLP not published Syngenta File No CGA219417_11774	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN

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Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
KCA 4.2 / 07	Airs D.	2017	Cyprodinil (CGA219417) - Independent Laboratory Validation of the QuEChERS Method for the Determination of Cyprodinil Residues in Crop Matrices by LC-MS/MS Syngenta Envigo CRS Limited, Suffolk, UK, CS93XJ GLP not published Syngenta File No CGA219417_11782	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
KCA 4.2 / 050608	Bradford W., Langridge G.	2015	Cyprodinil - Analytical Method (GRM010.06A) for the Determination of Residues of Cyprodinil and its Metabolite CGA304075 in Ruminant Livestock Commodities and Poultry Eggs Syngenta CEM Analytical Services Ltd (CEMAS) - Berkshire, UK, GRM010.06A Not GLP not published Syngenta File No CGA219417_11608	N	N	-	SYN

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KCA Section 4, Analytical methods

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
KCA 4.2 / 060709	Bradford W., Langridge G.	2015a	Cyprodinil - Analytical Method (GRM010.06B) for the Determination of Residues of Cyprodinil and its Metabolite CGA304075 in Ruminant Livestock Commodities and Poultry Eggs Syngenta CEM Analytical Services Ltd (CEMAS) - Berkshire, UK, GRM010.06B Not GLP not published Syngenta File No CGA219417_11632	N	N	-	SYN
KCA 4.2 / 070810	Langridge G.	2015	Cyprodinil - Validation of an Analytical Method (GRM010.06A) for the Determination of Cyprodinil and its Metabolite CGA304075 in Animal Matrices Syngenta CEM Analytical Services Ltd (CEMAS) - Berkshire, UK, CEMR-6729 GLP not published Syngenta File No CGA219417_11607	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN

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KCA Section 4, Analytical methods

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
KCA 4.2 / 080911	Knoch E.	2015	Cyprodinil - Independent Laboratory Validation of Analytical Method GRM010.06A for the Determination of Residues of Cyprodinil and its Metabolite CGA304075 in Animal Matrices Syngenta SGS Institut Fresenius GmbH, Taunusstein, Germany, IF-15/03135929 GLP not published Syngenta File No CGA219417_11614	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
KCA 4.2 / 091012	Allen L.	2015	Cyprodinil - Residue Method GRM010.08A for the Determination of Cyprodinil in Soil Syngenta CEM Analytical Services Ltd (CEMAS) - Berkshire, UK, GRM010.08A Not GLP not published Syngenta File No CGA219417_11616	N	N	-	SYN

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KCA Section 4, Analytical methods

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
KCA 4.2 / 101113	Allen L.	2015a	Cyprodinil - Validation of Draft Residue Method GRM010.08A for the Determination of Cyprodinil, CGA249287, CGA275535 and CGA321915 in Soil Syngenta CEM Analytical Services Ltd (CEMAS) - Berkshire, UK, CEMR-6716-REG GLP not published Syngenta File No CGA219417_11601	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
KCA 4.2 / 111214	Allen L., Brooks S., Crook S.	2015	Cyprodinil - Residue Method GRM010.07A for the Determination of Cyprodinil, CGA249287 and CGA275535 in Water by Solid Phase Extration and LS-MS/MS Analysis Syngenta CEM Analytical Services Ltd (CEMAS) - Berkshire, UK, GRM010.07A Not GLP not published Syngenta File No CGA219417_11564	N	N	-	SYN

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KCA Section 4, Analytical methods

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
KCA 4.2 / 121315	Allen L.	2015b	Cyprodinil - Validation of Draft Residue Method GRM010.07A for the Determination of Cyprodinil, CGA249287 and CGA275535 in Water Syngenta CEM Analytical Services Ltd (CEMAS) - Berkshire, UK, CEMR-6728-REG GLP not published Syngenta File No CGA219417_11563	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
KCA 4.2 / 16	Kennedy S, Edwards J.	2017	Cyprodinil - Residue Method GRM010.13A for the Determination of the Metabolite CGA321915 in Water. Syngenta CEM Analytical Services Ltd (CEMAS), Berkshire, UK. Syngenta Analytical Method GRM010.13A. Not GLP not published Syngenta File No. CGA321915_10019	N	N		SYN

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Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
KCA 4.2 / 17	Kennedy S.	2017	Cyprodinil – Validation of Residue Method GRM010.13A for the Determination of the Metabolite CGA321915 in Water. CEMAS Syngenta CEM Analytical Services Ltd (CEMAS), Berkshire, UK. Report Number CEMR-7879. Not GLP not published Syngenta File No. CGA321915_10018	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
KCA 4.2 / 18	Kennedy S., Edwards J.	2017a	Cyprodinil - Residue Method GRM010.13B for the Determination of the Metabolite CGA321915 in Water Syngenta CEM Analytical Services Ltd (CEMAS) - Berkshire, UK, GRM010.13B Not GLP not published Syngenta File No CGA321915_10019	N	N		SYN

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KCA Section 4, Analytical methods

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
KCA 4.2 / 131419	Kotthoff M.	2015	Cyprodinil - Independent Laboratory Validation of Analytical Method GRM010.07A for the Determination of Cyprodinil (CGA219417) and its Metabolites CGA249287 and CGA275535 in Water Syngenta Fraunhofer Institute, Schmallenberg, Germany, SYN-036/6-22 GLP not published Syngenta File No CGA219417_11642	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
KCA 4.2 / 20	Lesot C.	2017	Cyprodinil - Independent Laboratory Validation of Residue Analytical Method GRM010.13A for the Determination of the Metabolite CGA321915 in Water Syngenta Eurofins Agroscience Services Chem SAS, Vergèze, France, S17-00312 GLP not published Syngenta File No CGA321915_10024	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN

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KCA Section 4, Analytical methods

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
KCA 4.2 / 141521	Wiltshire K., Edwards J.	2015	Cyprodinil - Residue Method GRM010.09A for the Determination of Cyprodinil (CGA219417) in Air by LC-MS/MS Syngenta CEM Analytical Services Ltd (CEMAS) - Berkshire, UK, GRM010.09A Not GLP not published Syngenta File No CGA219417_11629	N	N	-	SYN
KCA 4.2 / 151622	Wiltshire K.	2015	Cyprodinil - Validation of Draft Residue Method GRM010.09A for the Determination of Cyprodinil (CGA219417) in Air by LC-MS/MS Syngenta CEM Analytical Services Ltd (CEMAS) - Berkshire, UK, CEMR-6992-REG GLP not published Syngenta File No CGA219417_11605	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN

*Syngenta requests data confidentiality for these data. Disclosure of the information might undermine Syngenta's commercial interests by providing access to Syngenta specific know-how used to develop unique positions and approaches to risk assessment.

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Author(s)	Data point	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
Airs D.	KCA 4.2 / 07	2017	Cyprodinil (CGA219417) - Independent Laboratory Validation of the QuEChERS Method for the Determination of Cyprodinil Residues in Crop Matrices by LC-MS/MS Syngenta Envigo CRS Limited, Suffolk, UK, CS93XJ GLP not published Syngenta File No CGA219417_11782	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
Allen L.	KCA 4.2 / 091012	2015	Cyprodinil - Residue Method GRM010.08A for the Determination of Cyprodinil in Soil Syngenta CEM Analytical Services Ltd (CEMAS) - Berkshire, UK, GRM010.08A Not GLP not published Syngenta File No CGA219417_11616	N	N	-	SYN
Allen L.	KCA 4.2 / 101113	2015a	Cyprodinil - Validation of Draft Residue Method GRM010.08A for the Determination of Cyprodinil, CGA249287, CGA275535 and CGA321915 in Soil Syngenta CEM Analytical Services Ltd (CEMAS) - Berkshire, UK, CEMR-6716-REG GLP not published Syngenta File No CGA219417_11601	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN

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KCA Section 4, Analytical methods

Author(s)	Data point	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
Allen L.	KCA 4.2 / 121315	2015b	Cyprodinil - Validation of Draft Residue Method GRM010.07A for the Determination of Cyprodinil, CGA249287 and CGA275535 in Water Syngenta CEM Analytical Services Ltd (CEMAS) - Berkshire, UK, CEMR-6728-REG GLP not published Syngenta File No CGA219417_11563	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
Allen L., Brooks S., Crook S.	KCA 4.2 / 111214	2015	Cyprodinil - Residue Method GRM010.07A for the Determination of Cyprodinil, CGA249287 and CGA275535 in Water by Solid Phase Extration and LS-MS/MS Analysis Syngenta CEM Analytical Services Ltd (CEMAS) - Berkshire, UK, GRM010.07A Not GLP not published Syngenta File No CGA219417_11564	N	N	-	SYN

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KCA Section 4, Analytical methods

Author(s)	Data point	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
Asekunowo J.	KCA 4.2 / 05	2015	Cyprodinil - Independent Laboratory Validation of GRM010.02A Method for the Determination of Residues of Cyprodinil in Crop Matrices by LC MS/MS Syngenta PTRL Europe, Ulm, Germany, P 3866 G GLP not published Syngenta File No CGA219417_11672	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
Ashwell J., Benyon K., Powley W., Richardson M.	KCA 4.1.2 / 36	2007	Cyprodinil (CGA219417) 300 g/L EC formulation A14325E - Effects on aquatic organisms in an outdoor microcosm Syngenta Crop Protection AG, Basel, Switzerland Syngenta - Jealott's Hill, Bracknell, United Kingdom, T008777-05-REG 2034035 GLP not published Syngenta File No CGA219417/1683	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
Boeri R., Magazu J., Ward T.	KCA 4.1.2 / 15	1995	Acute flow-through toxicity of CGA 219417 to the daphnid, Daphnia magna Novartis Crop Protection Inc., Greensboro, USA T.R. Wilbury Laboratories Inc., Massachusetts, USA, 467-CG GLP not published Syngenta File No CGA219417/0461	N	N	-	SYN

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KCA Section 4, Analytical methods

Author(s)	Data point	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
Bradford W., Langridge G.	KCA 4.2 / 050608	2015	Cyprodinil - Analytical Method (GRM010.06A) for the Determination of Residues of Cyprodinil and its Metabolite CGA304075 in Ruminant Livestock Commodities and Poultry Eggs Syngenta CEM Analytical Services Ltd (CEMAS) - Berkshire, UK, GRM010.06A Not GLP not published Syngenta File No CGA219417_11608	N	N	-	SYN
Bradford W., Langridge G.	KCA 4.2 / 060709	2015a	Cyprodinil - Analytical Method (GRM010.06B) for the Determination of Residues of Cyprodinil and its Metabolite CGA304075 in Ruminant Livestock Commodities and Poultry Eggs Syngenta CEM Analytical Services Ltd (CEMAS) - Berkshire, UK, GRM010.06B Not GLP not published Syngenta File No CGA219417_11632	N	N	-	SYN

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KCA Section 4, Analytical methods

Author(s)	Data point	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
Braid S, Langridge G.	KCA 4.1.2 / 03	2017	Cyprodinil – Residue Method GRM010.11A for the Determination of Dislodgeable Foliar Residues of Cyprodinil in Apple Leaf Wash Solutions. Syngenta CEM Analytical Services, UK. Report No. GRM010.11A Not GLP not published Syngenta File No. CGA219417_11772	N	N	-	SYN
Chaggar S.	KCA 4.1.2 / 020305	2005	Residue Method for the Determination of Residues of Cyprodinil (CGA 219417) in Crops. Final Determination by LC-MS/MS. Syngenta Crop Protection AG, Basel, Switzerland Syngenta, Jealott's Hill, United Kingdom, REM 141.10 Not GLP not published Syngenta File No CGA219417/1278	N	N	-	SYN

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KCA Section 4, Analytical methods

Author(s)	Data point	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
Chaggar S.	KCA 4.1.2 / 030406	2005a	Cyprodinil (CGA219417): Validation of Analytical Method REM 141.10 for the Determination of Residues in Crops. Final Determination by LC-MS/MS. Syngenta Crop Protection AG, Basel, Switzerland Syngenta - Jealott's Hill, Bracknell, United Kingdom, RJ3583B GLP not published Syngenta File No CGA219417/1277	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
Davies I., Castle B.	KCA 4.1.2 / 01	2016	Cyprodinil - Validation of a Bioanalytical Method for the Determination of Cyprodinil in Mouse Blood: Water [1:1 (v/v)] Syngenta Sequani Limited, Ledbury, United Kingdom, BF10516 GLP not published Syngenta File No CGA219417_11761	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN

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KCA Section 4, Analytical methods

Author(s)	Data point	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
Drottar K., Krueger H.	KCA 4.1.2 / 32	1999	CGA 219417: A flow-through life-cycle toxicity test with the saltwater mysid (<i>Mysidopsis bahia</i>) Novartis Crop Protection Inc., Greensboro, USA Wildlife International Ltd., Easton, Maryland 21601, USA, 108A-205 GLP not published Syngenta File No CGA219417/0926	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
Eckenstein H.	KCA 4.1.2 / 40	2015	CGA321915 - Acute toxicity to <i>Daphnia magna</i> in a 48-hour immobilisation test Syngenta Harlan Laboratories Ltd., Itingen, Switzerland, D96733 GLP not published Syngenta File No CGA321915_10005	N	N	-	SYN
Grade R.	KCA 4.1.2 / 33	2000	Toxicity test of CGA 219417 on sediment-dwelling <i>Chironomus riparius</i> (syn. <i>Chironomus thummi</i>) under static conditions Novartis Crop Protection AG, Basel, Switzerland Novartis Crop Protection AG, Basel, Switzerland, 2003518 GLP not published Syngenta File No CGA219417/1003	N	N	-	SYN

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KCA Section 4, Analytical methods

Author(s)	Data point	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
Grade R.	KCA 4.1.2 / 41	1992	Report on the Acute Toxicity Test of CA 1139 A on Daphnia (Daphnia magna Straus 1820) Novartis Crop Protection AG, Basel, Switzerland Ciba-Geigy Ltd., Basel, Switzerland, 928173 GLP not published Syngenta File No CA1139/0009	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
Hakin B., Rodgers M.	KCA 4.1.2 / 10	1992	CGA 219417, Acute oral toxicity (LD50) to bobwhite quail Novartis Crop Protection AG, Basel, Switzerland Huntingdon Research Centre Ltd., Huntingdon, United Kingdom, CBG 527/901712 GLP not published Syngenta File No CGA219417/0067	Y	N	-	SYN
Hamilton L., Joseph T.	KCA 4.1.2 / 04050708	2006	Analytical method for the determination of residues of cyprodinil and its metabolite, CGA304075 in ruminant livestock commodities Syngenta Crop Protection AG, Basel, Switzerland Syngenta Crop Protection, Inc., Greensboro, USA, GRM010.01A Not GLP not published Syngenta File No CGA219417/1640	N	N	-	SYN

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KCA Section 4, Analytical methods

Author(s)	Data point	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
Hamilton L., Joseph T.	KCA 4.1.2 / 05060809	2006a	Validation of Analytical Method GRM010.01.A for the Determination of Residues of Cyprodinil and its Metabolite, CGA304075 in Ruminant Livestock Commodities Syngenta Crop Protection AG, Basel, Switzerland Syngenta Crop Protection, Inc., Greensboro, USA, T001771-05 GLP not published Syngenta File No CGA219417/1527	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
Heintz K.	KCA 4.1.1 / 05	2014	Confirmation of structures of by-products for Cyprodinil (CGA 219417) by mass spectroscopy Syngenta Syngenta Crop Protection, Münchwilen, Switzerland, 300031593 Not GLP not published Syngenta File No CGA219417/0985 This is CONFIDENTIAL INFORMATION	N	N	-	SYN*

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Author(s)	Data point	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
Kennedy S, Edwards J.	KCA 4.2 / 16	2017	Cyprodinil - Residue Method GRM010.13A for the Determination of the Metabolite CGA321915 in Water. Syngenta CEM Analytical Services Ltd (CEMAS), Berkshire, UK. Syngenta Analytical Method GRM010.13A. Not GLP not published Syngenta File No. CGA321915_10019	N	N		SYN
Kennedy S.	KCA 4.2 / 17	2017	Cyprodinil – Validation of Residue Method GRM010.13A for the Determination of the Metabolite CGA321915 in Water. CEMAS Syngenta CEM Analytical Services Ltd (CEMAS), Berkshire, UK. Report Number CEMR-7879. Not GLP not published Syngenta File No. CGA321915_10018	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN

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Author(s)	Data point	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
Kennedy S., Edwards J.	KCA 4.2 / 18	2017a	Cyprodinil - Residue Method GRM010.13B for the Determination of the Metabolite CGA321915 in Water Syngenta CEM Analytical Services Ltd (CEMAS) - Berkshire, UK, GRM010.13B Not GLP not published Syngenta File No CGA321915_10019	N	N		SYN
Kleebaum K.	KCA 4.1.2 / 42	2014	Cyprodinil WG (A8637C) - Chronic toxicity to the honeybee larvae Apis mellifera L. under laboratory conditions (in vitro) Syngenta BioChem Agrar, Gerichshain, Germany, 14 10 48 145 B GLP not published Syngenta File No A8637C_10330	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
Kleebaum K.	KCA 4.1.2 / 43	2014a	Cyprodinil EC (A14325E) - Chronic toxicity to the honeybee larvae Apis mellifera L. under laboratory conditions (in vitro) Syngenta BioChem Agrar, Gerichshain, Germany, 14 10 48 146 B GLP not published Syngenta File No A14325E_10067	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN

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Author(s)	Data point	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
Knoch E.	KCA 4.2 / 080911	2015	Cyprodinil - Independent Laboratory Validation of Analytical Method GRM010.06A for the Determination of Residues of Cyprodinil and its Metabolite CGA304075 in Animal Matrices Syngenta SGS Institut Fresenius GmbH, Taunusstein, Germany, IF-15/03135929 GLP not published Syngenta File No CGA219417_11614	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
Kotthoff M.	KCA 4.2 / 131419	2015	Cyprodinil - Independent Laboratory Validation of Analytical Method GRM010.07A for the Determination of Cyprodinil (CGA219417) and its Metabolites CGA249287 and CGA275535 in Water Syngenta Fraunhofer Institute, Schmallenberg, Germany, SYN-036/6-22 GLP not published Syngenta File No CGA219417_11642	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN

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Author(s)	Data point	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
Krainz A.	KCA 4.1.2 / 0102	2009	Validation of a Residue Analytical Method for the Determination of Cyprodinil in/on Personal Protective Equipment (Coverall, Underwear, Nitrile Gloves, Hand wash Solution, Wipes) and Air Samples Syngenta Harlan Laboratories Ltd., Itingen, Switzerland, A36865 GLP not published Syngenta File No CGA219417_11657	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
Lakaschus S.	KCA 4.2 / 01	2005	Validation of Multi-Residue Method DFG S19 (L00.00-34) For the Determination of Residues of Cyprodinil in Different Plant Matrices With LC-MS/MS Detection Syngenta Crop Protection AG, Basel, Switzerland Dr. Specht & Partner Chem. Laboratorien GmbH, Hamburg, Germany, SYN-0502V GLP not published Syngenta File No CGA219417/1388	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN

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Author(s)	Data point	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
Langridge G.	KCA 4.1.2 / 04	2017	Cyprodinil – Validation of Analytical Method GRM010.11A for the Determination of Dislodgeable Foliar Residues of Cyprodinil in Apple Leaf Wash Solutions. Syngenta CEM Analytical Services, UK. Report No. CEMR-7723 GLP not published Syngenta File No. CGA219417_11776	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
Langridge G.	KCA 4.2 / 070810	2015	Cyprodinil - Validation of an Analytical Method (GRM010.06A) for the Determination of Cyprodinil and its Metabolite CGA304075 in Animal Matrices Syngenta CEM Analytical Services Ltd (CEMAS) - Berkshire, UK, CEMR-6729 GLP not published Syngenta File No CGA219417_11607	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN

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Author(s)	Data point	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
Lesot C.	KCA 4.2 / 20	2017	Cyprodinil - Independent Laboratory Validation of Residue Analytical Method GRM010.13A for the Determination of the Metabolite CGA321915 in Water Syngenta Eurofins Agroscience Services Chem SAS, Verg�ze, France, S17-00312 GLP not published Syngenta File No CGA321915_10024	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
Lin K.	KCA 4.2 / 04	2011	Validation of Analytical Method GRM010.02A for the Determination of Residues of Cyprodinil in Crops and Tree Nuts by LC-MS/MS Syngenta Syngenta Crop Protection, LLC, Greensboro, NC, USA, TK0021500 GLP not published Syngenta File No CGA219417_50142	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN

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Author(s)	Data point	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
Lin K., Manuli M.	KCA 4.2 / 03	2011	Analytical Method for the Determination of Residues of Cyprodinil on Crops and Tree Nuts by LC-MS/MS Syngenta Syngenta Crop Protection, LLC, Greensboro, NC, USA, GRM010.02A Not GLP not published Syngenta File No CGA219417_50141	N	N	-	SYN
Maetzler P.	KCA 4.1.2 / 37	1999	Acute toxicity of CGA 249287 (metabolite of CGA 219417) for rainbow trout Novartis Crop Protection AG, Basel, Switzerland Novartis Services AG, Basel, Switzerland, G 571 04 GLP not published Syngenta File No CGA249287/0007	Y	N	-	SYN
Maynard S.	KCA 4.1.2 / 28	2011	CGA219417 - 96 hour acute toxicity to adult <i>Asellus aquaticus</i> Syngenta Crop Protection AG, Basel, Switzerland CEMAS, North Ascot, United Kingdom, CEMR-5070 GLP not published Syngenta File No CGA219417_11454	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN

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Author(s)	Data point	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
Maynard S.	KCA 4.1.2 / 29	2011a	CGA219417 - 96 hour acute toxicity to juvenile Asellus aquaticus Syngenta Crop Protection AG, Basel, Switzerland CEMAS, North Ascot, United Kingdom, CEMR-5069 GLP not published Syngenta File No CGA219417_11453	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
Minderhout T., Keller K., Gallagher S., Martin K.	KCA 4.1.2 / 14	2014	Cyprodinil - An Early Life-Stage Toxicity Test with the Sheepshead Minnow (<i>Cyprinodon variegatus</i>) Syngenta Wildlife International Ltd., Easton, Maryland 21601, USA, 528A-265 GLP not published Syngenta File No CGA219417_50676	Y	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
Mink C.	KCA 4.1.1 / 01	2014	Cyprodinil - Analytical Method SA-84/1 Syngenta Syngenta Crop Protection, Münchwilen, Switzerland, 300021926 Not GLP not published Syngenta File No CGA219417_11577	N	N	-	SYN

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Author(s)	Data point	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
Mink C.	KCA 4.1.1 / 02	2014a	Cyprodinil - Validation of Analytical Method SA-84/1 Syngenta Syngenta Crop Protection, Münchwilen, Switzerland, CHMU140480 GLP not published Syngenta File No CGA219417_11576	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
Mink C.	KCA 4.1.1 / 03	2014b	Cyprodinil - Analytical Method SB-93/1 Syngenta Syngenta Crop Protection, Münchwilen, Switzerland, 300025775 Not GLP not published Syngenta File No CGA219417_11618 This is CONFIDENTIAL INFORMATION	N	N	-	SYN*
Mink C.	KCA 4.1.1 / 04	2014c	Cyprodinil - Validation of Analytical Method SB-93/1 Syngenta Syngenta Crop Protection, Münchwilen, Switzerland, CHMU140479 GLP not published Syngenta File No CGA219417_11619 This is CONFIDENTIAL INFORMATION	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN*

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Author(s)	Data point	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
Mink C.	KCA 4.1.1 / 06	2016	Statement on Specificity of Method SA-84/1 for the analysis of the active substance Cyprodinil Syngenta Syngenta Crop Protection, Mönchwilten, Switzerland, 300055902 Not GLP not published Syngenta File No CGA219417_11676	N	N	-	SYN
Oggenfuss P.	KCA 4.1.1 / 07	1999a	Validation of analytical method AG-1229 (nitrosamines) Novartis Crop Protection AG, Basel, Switzerland Novartis Crop Protection Mönchwilten AG, Mönchwilten, Switzerland, 75686 GLP not published Syngenta File No N/0363 This is CONFIDENTIAL INFORMATION	N	N	Existing data; no longer eligible for data protection according to SANCO/12576/2012	SYN*
Peither A.	KCA 4.1.2 / 16	2000	Acute toxicity of CGA 219417 A tech. to Daphnia longispina in a 48-hour static immobilization test Novartis Crop Protection AG, Basel, Switzerland RCC Ltd., Itingen, Switzerland, 777666 GLP not published Syngenta File No CGA219417/0993	N	N	-	SYN

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Author(s)	Data point	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
Peither A.	KCA 4.1.2 / 17	2000a	Acute toxicity of CGA 219417 A tech. to Ostracoda in a 48-hour static immobilization test Novartis Crop Protection AG, Basel, Switzerland RCC Ltd., Itingen, Switzerland, 777688 GLP not published Syngenta File No CGA219417/0995	N	N	-	SYN
Peither A.	KCA 4.1.2 / 18	2000b	Acute toxicity of CGA 219417 A tech. to Chaoborus sp. in a 48-hour static immobilization test Novartis Crop Protection AG, Basel, Switzerland RCC Ltd., Itingen, Switzerland, 777701 GLP not published Syngenta File No CGA219417/0999	N	N	-	SYN
Peither A.	KCA 4.1.2 / 19	2000c	Acute toxicity of CGA 219417 A techn. to Daphniopsis sp. in a 24-hour static immobilization test Novartis Crop Protection AG, Basel, Switzerland RCC Ltd., Itingen, Switzerland, 777824 GLP not published Syngenta File No CGA219417/0990	N	N	-	SYN

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Author(s)	Data point	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
Peither A.	KCA 4.1.2 / 20	2000d	Acute toxicity of CGA 219417 A tech. to Simocephalus vetulus in a 48-hour static immobilization test Novartis Crop Protection AG, Basel, Switzerland RCC Ltd., Itingen, Switzerland, 777644 GLP not published Syngenta File No CGA219417/0994	N	N	-	SYN
Peither A.	KCA 4.1.2 / 21	2000e	Acute toxicity of CGA 219417 A tech. to Gammarus sp. in a 48-hour static immobilization test Novartis Crop Protection AG, Basel, Switzerland RCC Ltd., Itingen, Switzerland, 777745 GLP not published Syngenta File No CGA219417/0998	N	N	-	SYN
Peither A.	KCA 4.1.2 / 22	2000f	Acute toxicity of CGA 219417 A tech. to Cloeon sp. in a 48-hour static immobilization test Novartis Crop Protection AG, Basel, Switzerland RCC Ltd., Itingen, Switzerland, 777723 GLP not published Syngenta File No CGA219417/0996	N	N	-	SYN

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Author(s)	Data point	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
Peither A.	KCA 4.1.2 / 23	2000g	Acute toxicity of CGA 219417 A tech. to Lymnea stagnalis in a 48-hour static immobilization test Novartis Crop Protection AG, Basel, Switzerland RCC Ltd., Itingen, Switzerland, 777802 GLP not published Syngenta File No CGA219417/0997	N	N	-	SYN
Peither A.	KCA 4.1.2 / 24	2000h	Acute toxicity of CGA 219417 A tech. to Brachionus calyciflorus in a 24-hour static immobilization test Novartis Crop Protection AG, Basel, Switzerland RCC Ltd., Itingen, Switzerland, 77767 GLP not published Syngenta File No CGA219417/0992	N	N	-	SYN
Peither A.	KCA 4.1.2 / 25	2000i	Acute toxicity of CGA 219417 A tech. to Thamnocephalus platyurus in a 24-hour static immobilization test Novartis Crop Protection AG, Basel, Switzerland RCC Ltd., Itingen, Switzerland, 77780 GLP not published Syngenta File No CGA219417/0991	N	N	-	SYN

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KCA Section 4, Analytical methods

Author(s)	Data point	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
Pfeifle V.	KCA 4.1.2 / 38	2001	Acute toxicity test of CGA 275535 (Metabolite of CGA 219417) to rainbow trout (<i>Oncorhynchus mykiss</i>) under static conditions Syngenta Crop Protection AG, Basel, Switzerland Solvias AG, Basel, Switzerland, L01-000310 GLP not published Syngenta File No CGA275535/0017	Y	N		SYN
Reichert N.	KCA 4.2 / 02	2006	Independent Laboratory Validation of the DFG Method S19 For The Determination of Residues of Cyprodinil in Plant Matrices (Barley Grain and Strawberry) Syngenta Crop Protection AG, Basel, Switzerland Institut Fresenius, Taunusstein, Germany, IF-05/00362978 GLP not published Syngenta File No CGA219417/1469	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN

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Author(s)	Data point	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
Richter S.	KCA 4.1.2 / 07	2017	Cyprodinil (CGA219417): Validation of Analytical Method REM141.10 for the Determination of Residues of Cyprodinil in Crops by LC-MS/MS Syngenta PTRL Europe, Ulm, Germany, P 4186 G GLP not published Syngenta File No CGA219417_11778	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
Richter S.	KCA 4.2 / 06	2017a	Cyprodinil (CGA219417): Validation of the QuEChERS Method for the Determination of Residues of Cyprodinil in Crop Matrices and Body Fluid by LC-MS/MS Syngenta PTRL Europe, Ulm, Germany, P 4185 G GLP not published Syngenta File No CGA219417_11774	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
Rodgers M.	KCA 4.1.2 / 11	1995	CGA 219417, Effects on reproduction in bobwhite quail after dietary administration Novartis Crop Protection AG, Basel, Switzerland Huntingdon Research Centre Ltd., Huntingdon, United Kingdom, CBG 672/950770 GLP not published Syngenta File No CGA219417/0478	Y	N		SYN

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Author(s)	Data point	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
Vial A.	KCA 4.1.2 / 39	1991	Report on the Acute Toxicity test of CGA 263208 intermediate to Rainbow Trout (<i>Salmo gairdneri</i>) Novartis Crop Protection AG, Basel, Switzerland Ciba-Geigy Ltd., Basel, Switzerland, 918092 GLP not published Syngenta File No CA1059/0009	Y	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
Volz E.	KCA 4.1.2 / 30	2005	Cyprodinil 300 EC Formulation (A14325E): Acute toxicity to <i>Daphnia magna</i> in a 48-hour immobilization test Syngenta Crop Protection AG, Basel, Switzerland RCC Ltd., Itingen, Switzerland, 859286 GLP not published Syngenta File No CGA219417/1357	N	N	-	SYN
Wallace S.J.	KCA 4.1.2 / 31	2001	CGA 219417: Acute toxicity to <i>Daphnia magna</i> of a 50% w/w WG formulation Syngenta Crop Protection AG, Basel, Switzerland Brixham Environmental Laboratory, Brixham, United Kingdom, BL7101/B GLP not published Syngenta File No CGA219417/1032	N	N	-	SYN

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Author(s)	Data point	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
Ward T., Magazu J., Boeri R.	KCA 4.1.2 / 12	1995	Acute flow-through toxicity of CGA 219417 to the sheepshead minnow, <i>Cyprinodon variegatus</i> Novartis Crop Protection Inc., Greensboro, USA T. R. Wilbury Laboratories, Inc., Marblehead, MA, USA, 829-CG GLP not published Syngenta File No CGA219417/0652	Y	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
Ward T., Magazu J., Boeri R.	KCA 4.1.2 / 13	1995a	Early-life-stage toxicity of CGA 219417 to the fathead minnow, <i>Pimephales promelas</i> Novartis Crop Protection Inc., Greensboro, USA T. R. Wilbury Laboratories, Inc., Marblehead, MA, USA, 846-CG GLP not published Syngenta File No CGA219417/0653	Y	N		SYN
Ward T., Magazu J., Boeri R.	KCA 4.1.2 / 26	1995b	Acute flow-through toxicity of CGA 219417 to the mysid, <i>Mysidopsis bahia</i> Novartis Crop Protection Inc., Greensboro, USA T. R. Wilbury Laboratories, Inc., Marblehead, MA, USA, 827-CG GLP not published Syngenta File No CGA219417/0649	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN

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Author(s)	Data point	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
Ward T., Magazu J., Boeri R.	KCA 4.1.2 / 27	1995c	Acute flow-through mollusc shell deposition test with CGA 219417 Novartis Crop Protection Inc., Greensboro, USA T. R. Wilbury Laboratories, Inc., Marblehead, MA, USA, 828-CG GLP not published Syngenta File No CGA219417/0650	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
Ward T., Magazu J., Boeri R.	KCA 4.1.2 / 34	1995d	Growth and reproduction toxicity test with CGA 219417 and the marine alga, Skeletonema costatum Novartis Crop Protection Inc., Greensboro, USA T. R. Wilbury Laboratories, Inc., Marblehead, MA, USA, 795-CG GLP not published Syngenta File No CGA219417/0644	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
Ward T., Magazu J., Boeri R.	KCA 4.1.2 / 35	1995e	Growth and reproduction toxicity test with CGA 219417 and the duckweed, Lemna gibba G3 Novartis Crop Protection Inc., Greensboro, USA T. R. Wilbury Laboratories, Inc., Marblehead, MA, USA, 792-CG GLP not published Syngenta File No CGA219417/0645	N	N		SYN

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Author(s)	Data point	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
Wiltshire K.	KCA 4.2 / 151622	2015	Cyprodinil - Validation of Draft Residue Method GRM010.09A for the Determination of Cyprodinil (CGA219417) in Air by LC-MS/MS Syngenta CEM Analytical Services Ltd (CEMAS) - Berkshire, UK, CEMR-6992-REG GLP not published Syngenta File No CGA219417_11605	N	Y	New data; eligible for data protection according to SANCO/12576/2012	SYN
Wiltshire K., Edwards J.	KCA 4.2 / 141521	2015	Cyprodinil - Residue Method GRM010.09A for the Determination of Cyprodinil (CGA219417) in Air by LC-MS/MS Syngenta CEM Analytical Services Ltd (CEMAS) - Berkshire, UK, GRM010.09A Not GLP not published Syngenta File No CGA219417_11629	N	N	-	SYN

*Syngenta requests data confidentiality for these data. Disclosure of the information might undermine Syngenta's commercial interests by providing access to Syngenta specific know-how used to develop unique positions and approaches to risk assessment.

Listing of Test and Study Reports and published Papers not submitted, by Author**08 October 2015****KCA Section 4, Analytical methods**

Author(s)	Data point	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner (SYN = Syngenta)
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None