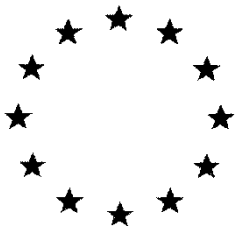
European Commission



Draft Renewal Assessment Report prepared according to the Commission Regulation (EU) N° 1107/2009

BLOOD MEAL

Volume 2

Rapporteur Member State: Austria
Co-Rapporteur Member State: Lithuania

Version History

When	What
2018/02	Original dossier submission by applicant
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2018/12	Draft RAR by RMS AT
2019/02	Draft RAR by RMS AT after commenting by Co-RMS LT

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A. LIST OF THE TESTS, STUDIES AND INFORMATION SUBMITTED

A.1. IDENTITY

Data Point	**Author(s)**	**Year**	**Title Compagny 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**	**Previous evaluation**
None								

A.2. PHYSICAL AND CHEMICAL PROPERTIES

Data Point	Author(s)	Year	Title Compagny 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	Previous evaluation
KCA 2.1	Anonym	2011	Conclusion on the peer review of the pesticide risk assessment of the active substance blood meal EFSA Journal 2011;9(10):2394 GLP/GEP: no published	N	N	-	public	Y
KCA 2.2	Anonym	2011	Conclusion on the peer review of the pesticide risk assessment of the active substance blood meal EFSA Journal 2011;9(10):2394 GLP/GEP: no published	N	N	-	public	Y
KCA 2.3	Bockholt, K.	2006	Certosan. Storage Stability Test: 14 days 54°C UCL Umwelt Control Labor GmbH Study No. PR06/005 GLP: yes unpublished	N	N	-	Plantsky dd AB	Y
	Affolter, O.	2015	Determination of the storage stability of Blood Meal (Certosan) at room temperature (duration two years). LAUS GmbH 13022801G001 GLP: Y unpublished	N	Y	-	FLU Plantsky dd AB	N
KCA 2.4	Anonym	2011	Conclusion on the peer review of the pesticide risk assessment of the active substance blood meal EFSA Journal 2011;9(10):2394 GLP/GEP: no published	N	N	-	public	Y
KCA 2.5	Affolter, O.	2013	Determination of the solubility in water of Blood Meal (Certosan) according to OECD 105 resp. EU A.6	N	Y	-	FLU	N

			LAUS GmbH Study No. 13022801GH910 GLP: yes Unpublished					
KCA 2.6	Anonym	2011	Conclusion on the peer review of the pesticide risk assessment of the active substance blood meal EFSA Journal 2011;9(10):2394 GLP/GEP: no published	N	N	-	public	Y
KCA 2.7	Anonym	2011	Conclusion on the peer review of the pesticide risk assessment of the active substance blood meal EFSA Journal 2011;9(10):2394 GLP/GEP: no published	N	N	-	public	Y
KCA 2.8	Anonym	2011	Conclusion on the peer review of the pesticide risk assessment of the active substance blood meal EFSA Journal 2011;9(10):2394 GLP/GEP: no published	N	N	-	public	Y
KCA 2.9	Thureson, P.	1995	Ignition and self-ignition of solid substances to EU-directive 84/449/EEG, enclosure 384L0449/S, clause 10 and 16 GLP: no unpublished	N	N	-	Plantsky dd AB	Y
KCA 2.11	Anonym	2011	Conclusion on the peer review of the pesticide risk assessment of the active substance blood meal EFSA Journal 2011;9(10):2394 GLP/GEP: no published	N	N	-	public	Y
KCA 2.13	Anonym	2011	Conclusion on the peer review of the pesticide risk assessment of the active substance blood meal EFSA Journal 2011;9(10):2394 GLP/GEP: no published	N	N	-	public	Y
KCA 2.14	Bockholt, K.	2006	Certosan. Storage Stability Test: 14 days 54°C UCL Umwelt Control Labor GmbH Study No. PR06/005 GLP: yes	N	N	-	Plantsky dd AB	Y

			unpublished					
	Affolter, O.	2015	Determination of the storage stability of Blood Meal (Certosan) at room temperature (duration two years). LAUS GmbH 13022801G001 GLP: Y unpublished	N	Y	-	FLU Plantsky dd AB	N
KCP 2.1/01 *Submitted under KCP 2.7/01*	Affolter, O.	2013	Determination of the storage stability of Blood Meal (Certosan) at room temperature LAUS GmbH, Germany Report No.: 13022801G001 GLP, unpublished	N	Y	-	FLU	N
KCP 2.4/01 *Submitted under KCP 2.7/01*	Affolter, O.	2013	Determination of the storage stability of Blood Meal (Certosan) at room temperature LAUS GmbH, Germany Report No.: 13022801G001 GLP, unpublished	N	Y	-	FLU	N
KCP 2.7/01	Affolter, O.	2013	Determination of the storage stability of Blood Meal (Certosan) at room temperature LAUS GmbH, Germany Report No.: 13022801G001 GLP, unpublished ***Document also used under KCP 2.1/01, KCP 2.4/01, KCP 2.8.1/01, KCP 2.8.2/01 and KCP 2.8.5.1/01***	N	Y	-	FLU	N
KCP 2.7/02	Affolter, O.	2015	Determination of the storage stability of Blood Meal (Certosan) at room temperature LAUS GmbH, Germany Report No.: 13022801G001 (2yr) GLP, unpublished	N	Y	-	FLU	N
KCP 2.8.1/01 *Submitted under KCP 2.7/01*	Affolter, O.	2013	Determination of the storage stability of Blood Meal (Certosan) at room temperature LAUS GmbH, Germany Report No.: 13022801G001 GLP, unpublished	N	Y	-	FLU	N
KCP 2.8.2/01 *Submitted*	Affolter, O.	2013	Determination of the storage stability of Blood Meal (Certosan) at room	N	Y	-	FLU	N

under KCP 2.7/01			temperature LAUS GmbH, Germany Report No.: 13022801G001 GLP, unpublished					
KCP 2.8.5.1/01 *Submitted under KCP 2.7/01*	Affolter, O.	2013	Determination of the storage stability of Blood Meal (Certosan) at room temperature LAUS GmbH, Germany Report No.: 13022801G001 GLP, unpublished	N	Y	-	FLU	N
KCP 2.1	Bockholt, K.	2006	Certosan – Storage stability test: 14 days 54 °C UCL Umwelt Control Labor GmbH, Germany Report No.: PR06/005 GLP, unpublished	N	N	--	GYL	Y
KCP 2.3	Thureson, P.	1995	Ignision and self-ignition of solid substances according to EU-directive 84/449/EEG, enclosure 384L0449/S, clause A10 and A16 Sveriges Provnings- och Froskningsinstitut, Sweden Report No.: 95R22080 non-GLP, unpublished	N	Y	--	GYL	Y
KCP 2.4	Egloff, Mirbach	1994	Untersuchung von Morsuvin und Certosan Institut Fresenius – Chemische und Biologishe Laboratorien GmbH, Germany Report No.: 94/03694-00 non-GLP, unpublished	N	Y	--	FLU	Y
KCP 2.4	Bockholt, K.	2006	Certosan – Storage stability test: 14 days 54 °C UCL Umwelt Control Labor GmbH, Germany Report No.: PR06/005 GLP, unpublished	N	N	--	GYL	Y
KCP 2.6	Egloff, Mirbach	1994	Untersuchung von Morsuvin und Certosan Institut Fresenius – Chemische und Biologishe Laboratorien GmbH, Germany Report No.: 94/03694-00	N	Y	--	FLU	Y

			non-GLP, unpublished					
KCP 2.6	Bockholt, K.	2006	Certosan – Storage stability test: 14 days 54 °C UCL Umwelt Control Labor GmbH, Germany Report No.: PR06/005 GLP, unpublished	N	N	--	GYL	Y
KCP 2.7	Egloff, Mirbach	1994	Untersuchung von Morsuvin und Certosan Institut Fresenius – Chemische und Biologishe Laboratorien GmbH, Germany Report No.: 94/03694-00 non-GLP, unpublished	N	Y	--	FLU	Y
KCP 2.7	Bockholt, K.	2006	Certosan – Storage stability test: 14 days 54 °C UCL Umwelt Control Labor GmbH, Germany Report No.: PR06/005 GLP, unpublished	N	N	--	GYL	Y
KCP 2.7	Smeykal, H.	2006	Particle size distribution OECD 110 Simens AG; Germany Report No.: 20060393.01 GLP, unpublished	N	N	--	GYL	Y
KCP 2.7	Zinngrebe, K.	2001	Prüfung der Lagerstabilität von Certosan Flügel GmbH, Germany Report No.: FLU-00194-O-O-WP non-GLP, unpublished	N	N	--	FLU	Y
KCP 2.8.1	Egloff, Mirbach	1994	Untersuchung von Morsuvin und Certosan Institut Fresenius – Chemische und Biologishe Laboratorien GmbH, Germany Report No.: 94/03694-00 non-GLP, unpublished	N	Y	--	FLU	Y
KCP 2.8.1	Bockholt, K.	2006	Certosan – Storage stability test: 14 days 54 °C UCL Umwelt Control Labor GmbH, Germany Report No.: PR06/005 GLP, unpublished	N	N	--	GYL	Y
KCP 2.8.2	Bockholt, K.	2006	Certosan – Storage stability test: 14 days 54 °C UCL Umwelt	N	N	--	GYL	Y

			Control Labor GmbH, Germany Report No.: PR06/005 GLP, unpublished					
KCP 2.8.3	Lehner, S., Schweda, W.	1996	Analyseergebnisse – Certosan Institut Fresenius – Chemische und Biologishe Laboratorien GmbH, Germany Report No.: 96/11326-00 non-GLP, unpublished	N	Y	--	FLU	Y
KCP 2.8.3	Bockholt, K.	2006	Certosan – Storage stability test: 14 days 54 °C UCL Umwelt Control Labor GmbH, Germany Report No.: PR06/005 GLP, unpublished	N	N	--	GYL	Y
KCP 2.8.5.1	Smeykal, H.	2006	Particle size distribution OECD 110 Simens AG; Germany Report No.: 20060393.01 GLP, unpublished	N	N	--	GYL	Y
KCP 2.8.5.1	Egloff, Mirbach	1994	Untersuchung von Morsuvin und Certosan Institut Fresenius – Chemische und Biologishe Laboratorien GmbH, Germany Report No.: 94/03694-00 non-GLP, unpublished	N	Y	--	FLU	Y
KCP 2.8.5.1	Bockholt, K.	2006	Certosan – Storage stability test: 14 days 54 °C UCL Umwelt Control Labor GmbH, Germany Report No.: PR06/005 GLP, unpublished	N	N	--	GYL	Y
KCP 2.11	Zinngrebe, K.	2001	Prüfung der Verträglichkeit des Verpackungsmaterials mit Certosan Flügel GmbH, Germany Report No.: 14-3-2001/2 non-GLP, unpublished	N	Y	--	FLU	Y

FLU = Flügel GmbH, Germany
GYL = Gyllebo Gödning AB, Sweden

A.3. DATA ON APPLICATION AND EFFICACY

Data Point	Author(s)	Year	Title Compagny 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	Previous evaluation
KCP 3/01	Reh, P.	2013	Biological Assessment Dossier – Certosan Versuchswesen Pflanzenschutz, Germany Report No.: not stated Report date: 2013-08-31 Non-GEP, unpublished	N	Y	New study	FLU	Y[1]
KCP 3	Anonymous	1994	Wildschadensverhütungsmittel Forstl. Forschungsanstalt Eberswalde e.V., Abt. Waldschutz Reg.Doc. FLU1994-1 GEP: yes unpublished	N	N		FLU	Y[1]
KCP 3	Anonymous	1995	Wildschadensverhütungsmittel Forstl. Forschungsanstalt Eberswalde e.V., Abt. Waldschutz Reg.Doc. FLU1995-1 GEP: yes unpublished	N	N		FLU	Y[1]
KCP 3	Anonymous	1995	Amtliche Mittelprüfung, Certosan gegen Wildverbiß Niedersächsische Forstliche Versuchsanstalt, Göttingen Report no. GF-WF 94-X/X (12 trials) GEP: yes unpublished	N	N		FLU	Y[1]
KCP 3	Find'o, S.	2011	Trial Report: Deer repellent National Forest Centre, Forest Research Institute Zvolen Report no. NLC LVU 1-2011 GEP: yes unpublished	N			FLU	Y[1]
KCP 3	Krüger, F.	1994	Mittelprüfung 1994: Certosan	Y	Y		FLU	Y[1]

			Niedersächsische Forstliche Versuchsanstalt Study no. FLU 94 Wi 1 GEP: yes unpublished					
KCP 3	Ohlmeyer, Veldmann	1994	Protokoll zur Prüfung des Mittels "Certosan" auf Wirksamkeit gegen Wildverbiß. Forstliche Landesanstalt Sachsen-Anhalt Reg.Doc. FLU1994-2 GEP: yes unpublished	Y	Y		FLU	Y[1]
KCP 3	Reh, P.	1998	Efficacy of the repellent Certosan versus game bit of rabbits in ornamental plants in Germany 1998 Versuchswesen Pflanzenschutz Report no. VP98-4-24 GEP: yes unpublished	Y	Y		FLU	Y[1]
KCP 3/29	Reh, P.	2011	An evaluation of the efficacy of Flügol weiß for fraying protection and of the efficacy of Flügol weiß and Certosan against game biting in summer in forestry in Germany 2010 Versuchswesen Pflanzenschutz, Germany Report No.: VP10-4-45D1 Report date: 2011-06-23 GEP, unpublished	N	Y	New study	FLU	Y[1]
KCP 3/30	Reh, P.	2011	An evaluation of the efficacy of Flügol weiß for fraying protection and of the efficacy of Flügol weiß and Certosan against game biting in summer in forestry in Germany 2010 Versuchswesen Pflanzenschutz, Germany Report No.: VP10-4-45D4 Report date: 2011-06-23 GEP, unpublished	N	Y	New study	FLU	Y[1]
KCP 3/31	Reh, P.	2011	An evaluation of the efficacy of Flügol	N	Y	New study	FLU	Y[1]

			weiß for fraying protection and of the efficacy of Flügol weiß and Certosan against game biting in summer in forestry in Germany 2010 Versuchswesen Pflanzenschutz, Germany Report No.: VP10-4-45D5 Report date: 2011-06-23 GEP, unpublished					
KCP 3/32	Reh, P.	2011	An evaluation of the efficacy of Flügol weiß for fraying protection and of the efficacy of Flügol weiß and Certosan against game biting in summer in forestry in Germany 2010 Versuchswesen Pflanzenschutz, Germany Report No.: VP10-4-45D6 Report date: 2011-06-23 GEP, unpublished	N	Y	New study	FLU	Y[1]
KCP 3/33	Reh, P.	2011	An evaluation of the efficacy of Flügol weiß for fraying protection and of the efficacy of Flügol weiß and Certosan against game biting in summer in forestry in Germany 2010 Versuchswesen Pflanzenschutz, Germany Report No.: VP10-4-45D7 Report date: 2011-06-23 GEP, unpublished	N	Y	New study	FLU	Y[1]
KCP 3/34	Find'o, S.	2011	Trial Report NLC LVÚ 1 – 2011: Deer repellent National Forest Centre, Forest Research Institute, Slovakia Report No.: NLC LVU 03/2011 Report date: 2011-09-20 GEP, unpublished	N	Y	New study	FLU	Y[1]
KCP 3/35	Find'o, S.	2011	Trial Report NLC LVÚ 1 – 2011: Deer repellent National Forest	N	Y	New study	FLU	Y[1]

			Centre, Forest Research Institute, Slovakia Report No.: NLC LVU 04/2011 Report date: 2011-09-20 GEP, unpublished					
KCP 3/36	Reh, P.	2012	An evaluation of the efficacy of Flügol weiß for fraying protection and of the efficacy of Flügol weiß and Certosan against game biting in summer in forestry in Germany 2010 Versuchswesen Pflanzenschutz, Germany Report No.: VP11-35D1 Report date: 2012-10-24 GEP, unpublished	N	Y	New study	FLU	Y[1]
KCP 3/37	Reh, P.	2012	An evaluation of the efficacy of Flügol weiß for fraying protection and of the efficacy of Flügol weiß and Certosan against game biting in summer in forestry in Germany 2010 Versuchswesen Pflanzenschutz, Germany Report No.: VP11-35D2 Report date:2012-10-24 GEP, unpublished	N	Y	New study	FLU	Y[1]
KCP 3/38	Reh, P.	2012	An evaluation of the efficacy of Flügol weiß for fraying protection and of the efficacy of Flügol weiß and Certosan against game biting in summer in forestry in Germany 2010 Versuchswesen Pflanzenschutz, Germany Report No.: VP11-35D3 Report date: 2012-10-24 GEP, unpublished	N	Y	New study	FLU	Y[1]
KCP 3/39	Reh, P.	2012	An evaluation of the efficacy of Flügol weiß for fraying protection and of the efficacy of Flügol weiß and Certosan	N	Y	New study	FLU	Y[1]

			against game biting in summer in forestry in Germany 2010 Versuchswesen Pflanzenschutz, Germany Report No.: VP11-35D4 Report date: 2012-10-24 GEP, unpublished					
KCP 3/40	Reh, P.	2012	An evaluation of the efficacy of Flügol weiß for fraying protection and of the efficacy of Flügol weiß and Certosan against game biting in summer in forestry in Germany 2010 Versuchswesen Pflanzenschutz, Germany Report No.: VP11-35D5 Report date: 2012-10-24 GEP, unpublished	N	Y	New study	FLU	Y[1]
KCP 3/41	Reh, P.	2012	An evaluation of the efficacy of Flügol weiß for fraying protection and of the efficacy of Flügol weiß and Certosan against game biting in summer in forestry in Germany 2010 Versuchswesen Pflanzenschutz, Germany Report No.: VP11-35D6 Report date: 2012-10-24 GEP, unpublished	N	Y	New study	FLU	Y[1]
KCP 3/42	Reh, P.	2012	An evaluation of the efficacy of Flügol weiß for fraying protection and of the efficacy of Flügol weiß and Certosan against game biting in summer in forestry in Germany 2010 Versuchswesen Pflanzenschutz, Germany Report No.: VP11-35D7 Report date: 2012-10-24 GEP, unpublished	N	Y	New study	FLU	Y[1]
KCP 3/43	Reh, P.	2012	An evaluation of the efficacy of game repellents against	N	Y	New study	FLU	Y[1]

			winter game biting in forestry in Germany 2011/2012. Application technique: spraying Versuchswesen Pflanzenschutz, Germany Report No.: VP11-60D1 Report date: 2012-10-24 GEP, unpublished					
KCP 3/44	Reh, P.	2012	An evaluation of the efficacy of game repellents against winter game biting in forestry in Germany 2011/2012. Application technique: spraying Versuchswesen Pflanzenschutz, Germany Report No.: VP11-60D2 Report date: 2012-10-24 GEP, unpublished	N	Y	New study	FLU	Y[1]
KCP 3/45	Reh, P.	2012	An evaluation of the efficacy of game repellents against winter game biting in forestry in Germany 2011/2012. Application technique: spraying Versuchswesen Pflanzenschutz, Germany Report No.: VP11-60D3 Report date: 2012-10-24 GEP, unpublished	N	Y	New study	FLU	Y[1]
KCP 3/46	Reh, P.	2012	An evaluation of the efficacy of game repellents against winter game biting in forestry in Germany 2011/2012. Application technique: spraying Versuchswesen Pflanzenschutz, Germany Report No.: VP11-60D4 Report date: 2012-10-24 GEP, unpublished	N	Y	New study	FLU	Y[1]
KCP 3/47	Reh, P.	2012	An evaluation of the efficacy of game repellents against winter game biting in	N	Y	New study	FLU	Y[1]

			forestry in Germany 2011/2012. Application technique: spraying Versuchswesen Pflanzenschutz, Germany Report No.: VP11-60D5 Report date: 2012-10-24 GEP, unpublished					
KCP 3/48	Reh, P.	2012	An evaluation of the minimum effective dose of Certosan as protection agent against winter game biting in forestry in Germany 2011/2012 Versuchswesen Pflanzenschutz Report No.: VP11-4-62D1 Report date: 2012-10-24 GEP, unpublished	N	Y	New study	FLU	Y[1]
KCP 3/49	Reh, P.	2012	An evaluation of the minimum effective dose of Certosan as protection agent against winter game biting in forestry in Germany 2011/2012 Versuchswesen Pflanzenschutz Report No.: VP11-4-62D2 Report date:2012-10-24 GEP, unpublished	N	Y	New study	FLU	Y[1]
KCP 3/50	Sorin, S.	2012	Evaluation the effictiveness FLU00XY501 and Flügolla 62 repellents in order to protect the deciduous seedlings against damage caused by game (deer, roe deer) during the winter. Academy of Agricultural and Forestry Sciences, Romania Report No.: 1284/09.05.2012 Report date: 2012-05-08 GEP, unpublished	N	Y	New study	FLU	Y[1]
KCP 3/51	Sorin, S.	2013	Report on biological evaluation of the products: Flügol Weiss, FLU00XY509 and Certosan. Academy of	N	Y	New study	FLU	Y[1]

			Agricultural and Forestry Sciences, Romania Report No.: 1640/05.06.2013 Report date: 2013-03-31 GEP, unpublished					
KCP 3/52	Sorin, S.	2013	Report on biological evaluation of the products: Flügol Weiss, FLU00XY509 and Certosan. Academy of Agricultural and Forestry Sciences, Romania Report No.: 1641/05.06.2013 Report date: 2013-03-27 GEP, unpublished	N	Y	New study	FLU	Y[1]
KCP 3/56	Reh, P.	2007	Vergleichende Untersuchung von Wildrepellentien gegen Knospenverbiß durch Rehwild sowie durch Hase und Kaninchen im Obstbau in Deutschland 2006-2007 Versuchswesen Pflanzenschutz, Germany Report No.: VP06-4-104D1 Report date: 2007-06-21 GEP, unpublished	N	Y	New study	FLU	Y[1]
KCP 3/57	Reh, P.	2007	Vergleichende Untersuchung von Wildrepellentien gegen Knospenverbiß durch Rehwild sowie durch Hase und Kaninchen im Obstbau in Deutschland 2006-2007 Versuchswesen Pflanzenschutz, Germany Report No.: VP06-4-104D2 Report date: 2007-06-21 GEP, unpublished	N	Y	New study	FLU	Y[1]
KCP 3/58	Garai, G. A	2012	Report on Zoocide Trial: Investigation of Certosan game repellent product in grapevine.	N	Y	New study	FLU	Y[1]

[1] Product assessment on national level (Zonal assessment Central zone)

			Plant protection and soil conservation directorate of government office of BAZ county department for pest diagnosis, Miskole Report No.: Z/51/1/2012 Report date: 2013-09-27 GEP, unpublished					

A.4. FURTHER INFORMATION

Data Point	Author(s)	Year	Title Compagny 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	Previous evaluation
KCP 2.11	Zinngrebe, K.	2001	Prüfung der Verträglichkeit des Verpackungsmaterials mit Certosan Flügel GmbH, Germany Report No.: 14-3-2001/2 non-GLP, unpublished	N	N	-	FLU	Y
KCP 4.2/01	Anonymous	2017	Safety data sheet according to 1907/2006/EC – Certosan Flügel GmbH, Germany Report No.: Revesion 2.0 Report date: 2017-04-05 Non-GLP, published	N	N	--	FLU	N

FLU-Flügel GmbH, Germany

A.5. METHODS OF ANALYSIS

Data Point	Author(s)	Year	Title Compagny 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	Previous evaluation
CA 2.5./01	Affolter, O.	2013	Determination of the solubility in water of Blood Meal (Certosan) according to OECD 105 resp. EU A.6 LAUS GmbH Study No. 13022801GH910 GLP: yes unpublished	N	Y	-	FLU	N
KCA 4.1.1	Affolter, O.	2013 c	Validation of an Analytical Method using ICP-OES for the determination of Blood Meal (Certosan) in the matrices demineralised water, algal test medium, Daphnia and Danio test medium Report No. 13022801G926 LAUS GmbH GLP: yes unpublished	N	Y	-	FLU	N
KCP 5.1.1/01	Affolter, O	2013	Determination of Iron in the test item Blood Meal (Certosan) according to SANCO 3030/99, rev. 4 (5 batch analysis) LAUS GmbH Report No. 13013101G404 GLP: yes unpublished	N	Y	-	Plantskydd AB	N

FLU-Flügel GmbH

A.6. TOXICOLOGY AND METABOLISM DATA

Data Point	Author(s)	Year	Title Compagny 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	Previous evaluation
KCA 5.8.2	Affolter, O.	2015	Determination of the storage stability of Blood Meal (Certosan) at room temperature (duration two years) Report No. 13022801G001 Laus GmbH GLP: yes, but determination of human pathogenic germs was performed non-GLP unpublished	N	Y	new study	Flügel GmbH, Plantskydd AB	-

A.7. RESIDUE DATA

Data Point	Author(s)	Year	Title Compagny 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	Previous evaluation
None								

A.8. ENVIRONMENTAL FATE AND BEHAVIOUR

Data Point	Author(s)	Year	Title Compagny 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	Previous evaluation
No studies have been submitted in this section.								

A.9. ECOTOXICOLOGY DATA

Data Point	Author(s)	Year	Title Compagny 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	Previous evaluation
KCP 10.2.1/01	[redacted]	2013a	Determination of the acute toxicity of Blood Meal (Certosan) against *Oncorhynchus mykiss* following EU-Method C1. resp. OECD Guideline 203 [redacted] Study No. 13022801G503 GLP: yes unpublished	Y	Y	new study	Flügel GmbH	N
KCP 10.2.1/02	Muckle, M.	2013b	Determination of short term toxicity of Blood Meal (Certosan) against *Daphnia magna* STRAUS according to OECD 202 resp. EU C.2 LAUS GmbH Study No. 13022801G201 GLP: yes unpublished	N	Y	new study	Flügel GmbH	N
KCP 10.2.1/03	Muckle, M.	2013c	Determination of the toxicity of Blood Meal (Certosan) in *Desmodesmus subspicatus* according to OECD 201 resp. EU C.3 LAUS GmbH Study No. 13022801G301 GLP: yes unpublished	N	Y	new study	Flügel GmbH	N
KCP 10.3.1.1.1 & KCP 10.3.1.1.2	Kleiner, R	1996b	Testing toxicity to Honeybee – *Apis mellifera* L. (laboratory) according to EPPO Guideline No. 170 BioChem –	N	N	-	Flügel GmbH	Y

			Labor für biologische und chemische Analytik GmbH Study No. 96 10 48 027 GLP: yes unpublished					
KCP 10.3.2.1	Kleiner, R	1996a	Testing toxicity to beneficial arthropods Carabid beetle – *Poecilus cupreus* L. according to BBA Guideline VI, 23-2.1.8 (1991) BioChem – Labor für biologische und chemische Analytik GmbH Study No. 96 10 48 026 GLP: yes unpublished	N	N	-	Flügel GmbH	Y
KCP 10.3.2.1	Kleiner, R	1996c	Testing toxicity to beneficial arthropods Spider – *Pardosa spp.* (loboratory) according to BBA Guideline (Proposal 1994) BioChem – Labor für biologische und chemische Analytik GmbH Study No. 96 10 48 080 GLP: yes unpublished	N	N	-	Flügel GmbH	Y