Appendix: List of Accredited Activities within flexible scope of Accreditation of Standard Method (ISO/IEC 17025:2017)

Tested Materials / Products	Types of tests / Properties to be determined	Applied Standard Methods / Techniques to be used	Year of validation/ verification
1A. Plant Protection Products (Accreditation concerns the determination of the active substance content of plant protection products under flexible scope by the techniques of HPLC-UV, HPLC-DAD in various formulation types, as described in detail in the "Types of tests")	Determination of the active substance content of **azimsulfuron** in: Technical (TC) and Water Dispersible Granules (WG) formulation types.	CIPAC Handbook, volume L (pages: 23-30) /HPLC-DAD	2008
	Determination of the active substance content of **bensulfuron-methyl** in: Technical (TC), Wettable Powder (WP) and Water Dispersible Granules (WG) formulation types.	CIPAC Handbook, volume K (pages: 6-12) /HPLC-DAD	2008
	Determination of the active substance content of **cycloxydim** in: Technical (TC), Technical Concentrate (TK) and Emulsifiable Concentrate (EC) formulation types.	CIPAC Handbook, volume K (pages: 25-31) /HPLC-DAD	2008
	Determination of the active substance content of **pyridaben** in: Technical (TC), Wettable Powder (WP) and Suspension Concentrate (SC) formulation types.	CIPAC Handbook, volume J (pages: 94-100) /HPLC-DAD	2008
	Determination of the active substance content of **thifensulfuron-methyl** in: Technical (TC) and Water Dispersible Granules (WG) formulation types.	CIPAC Handbook, volume K (pages: 114-120) /HPLC-DAD	2008

Tested Materials / Products	Types of tests / Properties to be determined	Applied Standard Methods / Techniques to be used	Year of validation/ verification
	Determination of the active substance content of **dithianon** in: Technical (TC), Wettable Powder (WP) and Suspension Concentrate (SC) formulation types.	CIPAC Handbook, volume 1G (pages: 50-55) /HPLC-DAD	2012
	Determination of the active substance content of **nicosulfuron** in: Technical (TC), Water Dispersible Granules (WG), Suspension Concentrate (SC) and Oil Dispersion (OD *) formulation types. *For the code "OD", the corresponding current term is "Oil Dispersion" (see the "Manual on development and use of FAO and WHO Specifications for Pesticides" (1st edition, 3rd revision, 2016) – Appendix E).	CIPAC Handbook, volume M (pages: 121-128) (formulation types: TC, WG) (NOTE: Applied/validated also in SC) CIPAC Handbook, volume O (pages: 92-93) (formulation types: OD) / HPLC-DAD	2012
	Determination of the active substance content of **pendimethalin** in: Technical (TC) and Emulsifiable Concentrate (EC) formulation types.	CIPAC Handbook, volume M (pages: 148-154) /HPLC-DAD	2013
	Determination of the active substance content of **thiacloprid** in: Technical (TC), Water Dispersible Granules (WG), Suspension Concentrate (SC), Suspo-Emulsion (SE) and Oil Dispersion (OD) formulation types.	CIPAC Handbook, volume M (pages: 198-209) /HPLC-DAD	2017

Tested Materials / Products	Types of tests / Properties to be determined	Applied Standard Methods / Techniques to be used	Year of validation/ verification
	Determination of the active substance content of **thiophanate methyl** in: Technical (TC), Wettable Powder (WP), Suspension Concentrate (SC) and Dustable Powder (DP) formulation types.	CIPAC Handbook, volume D (pages: 162-168) /HPLC-DAD	2017
	Determination of the active substance content of **dimethoate** in: Technical (TC) and Emulsifiable Concentrate (EC) formulation types.	CIPAC Handbook, volume E (pages: 69-72) / HPLC-DAD	2018
	Determination of the active substance content of **imidacloprid** in: Technical (TC), Wettable Powder (WP), Suspension Concentrate (SC), Granules (GR), Water Dispersible Granules (WG), Water Dispersible Powders for Slurry Seed Treatment (WS), Flowable Concentrate for Seed Treatment (FS), Soluble Concentrate (SL) and Oil Dispersion (OD) formulation types.	CIPAC Handbook, volume H (pages: 185-193) (formulation types: TC, WP, SC, GR) CIPAC Handbook, volume K (pages: 70-76) (formulation types: TC, WG, SC, WS, FS) CIPAC Handbook, volume L (pages: 89) (formulation types: SL, OD) / HPLC-DAD	2019

Tested Materials / Products	Types of tests / Properties to be determined	Applied Standard Methods / Techniques to be used	Year of validation/ verification
	Determination of the active substance content of **thiamethoxam** in: Technical (TC), Water Dispersible Granules (WG), Suspension Concentrate (SC) and Flowable Concentrate for Seed Treatment (FS) formulation types.	CIPAC Handbook, volume O (pages: 147-157) /HPLC-DAD	2019
	Determination of the active substance content of **bentazone** in: Technical (TC) and Soluble Concentrate (SL) formulation types.	CIPAC Handbook, volume 1C (pages: 1973-1976) /HPLC-DAD	2020
	Determination of the active substance content of **cymoxanil** in: Technical (TC), Wettable Powder (WP) and Water Dispersible Granules (WG) formulation types.	CIPAC Handbook, volume J (pages: 22-28) /HPLC-DAD, HPLC-UV	2020
	Determination of the active substance content of **cyproconazole** in: Technical (TC), Soluble Concentrate (SL), Emulsifiable Concentrate (EC), Water Dispersible Granules (WG) and Suspension Concentrate (SC) formulation types.	CIPAC Handbook, volume J (pages: 29-36) /HPLC-DAD	2020
	Determination of the active substance content of **cyprodinil** in: Technical (TC), Emulsifiable Concentrate (EC) and Water Dispersible Granules (WG) formulation types.	CIPAC Handbook, volume N (pages: 25-33) /HPLC-DAD	2020

Tested Materials / Products	Types of tests / Properties to be determined	Applied Standard Methods / Techniques to be used	Year of validation/ verification
	Determination of the active substance content of **dicamba** in: Technical (TC), Soluble Concentrate (SL*) and Water Dispersible Granules (WG) formulation types. *For the code "SL", the corresponding current term is "Soluble Concentrate" (see the "Manual on development and use of FAO and WHO Specifications for Pesticides" (1st edition, 3rd revision, 2016) – Appendix E).	CIPAC Handbook, volume K (pages: 33-37) /HPLC-DAD	2020
	Determination of the active substance content of **dimethomorph** in: Technical (TC), Wettable Powder (WP), Dispersible Concentrate (DC) and Water Dispersible Granules (WG) formulation types.	CIPAC Handbook, volume 1G (pages: 39-46) /HPLC-DAD	2020
	Determination of the active substance content of **propamocarb hydrochloride** in: Soluble Concentrate (SL*) formulation types. *For the code "SL", the corresponding current term is "Soluble Concentrate" (see the "Manual on development and use of FAO and WHO Specifications for Pesticides (1st edition, 3rd revision, 2016) – Appendix E).	CIPAC Handbook, volume E (pages: 184-186) /HPLC-DAD, HPLC-UV	2020
	Determination of the active substance content of **boscalid** in: Technical (TC), Suspension Concentrate (SC), Water Dispersible Granules (WG) and Suspo-Emulsion (SE) formulation types.	CIPAC Handbook, volume N (pages: 4-13) /HPLC-DAD	2021

Tested Materials / Products	Types of tests / Properties to be determined	Applied Standard Methods / Techniques to be used	Year of validation/ verification
	Determination of the active substance content of **deltamethrin** in: Technical (TC), Water Dispersible Granules (WG), Wettable Powder (WP), Emulsifiable Concentrate (EC), Suspension Concentrate (SC), Dustable Powder (DP), Water Soluble Tablets (WT*), Emulsifiable Granules (EG), Emulsion, oil in water (EW), Ultra-Low Volume liquid (UL), Tablets (TB) and Long Lasting insecticidal Nets (LN) formulation types. * In the "Manual on development and use of FAO and WHO Specifications for Pesticides (1st edition, 3rd revision, 2016)» – Appendix E, for the term «Water Soluble Tablet» the corresponding current code is «ST».	CIPAC Handbook, volume L (pages: 45-60) (formulation types: TC, WG, WP, EC, SC, DP, WT, EG, EW, UL) CIPAC Handbook, volume M (pages: 65-67) (formulation types: TB, LN) CIPAC Handbook, volume N (pages: 34-37) (formulation types: LN) CIPAC Handbook, volume O (pages: 39-46) (formulation types: TC, LN) / HPLC-UV	2021
	Determination of the active substance content of **glyphosate** in: Technical (TC), Soluble Concentrate (SL) and Water Soluble Granules (SG) formulation types.	CIPAC Handbook, volume 1C (pages: 2132-2134) (formulation types: TC, SL) CIPAC Handbook, volume H (pages: 182-184) (formulation types: SG) / HPLC-DAD	2021

Tested Materials / Products	Types of tests / Properties to be determined	Applied Standard Methods / Techniques to be used	Year of validation/ verification
	Determination of the active substance content of **pyraclostrobin** in: Technical (TC), Technical Concentrate (TK), Emulsifiable Concentrate (EC) and Water Dispersible Granules (WG) formulation types.	CIPAC Handbook, volume M (pages: 170-179) /HPLC-DAD	2021
	Determination of the active substance content of **flupyradifurone** in: Technical (TC), Any other liquid (to be applied undiluted) (AL), Emulsifiable Concentrate (EC), Emulsion, Oil in Water (EW), Flowable Concentrate for seed treatment (FS), Soluble Concentrate (SL) and Water Dispersable Granules (WG) formulation types.	CIPAC Handbook, volume P (pages: 109-123) /HPLC-DAD	2022
	Determination of the active substance content of **prothioconazole** in: Technical (TC), Emulsifiable Concentrate (EC), Flowable Concentrate for seed treatment (FS), Suspension Concentrate (SC), Flowable Concentrate for seed treatment with prothioconazole below 1% w/w (FS) formulation types.	CIPAC Handbook, volume P (pages: 164-176) /HPLC-DAD	2022

Tested Materials / Products	Types of tests / Properties to be determined	Applied Standard Methods / Techniques to be used	Year of validation/ verification
	Determination of the active substance content of **Spinosad** in: Technical (TC), Suspension Concentrate (SC), Granules (GR), Tablets for direct application (DT) and Emulsifiable Concentrate (EC) formulation types.	CIPAC Handbook, volume L (pages: 121-127) (formulation types: TC, SC, GR) CIPAC Handbook, volume M (pages: 197) (formulation types: DT) CIPAC Handbook, volume O (pages: 146) (formulation types: EC, GR) / HPLC-DAD	2022
	Determination of the active substance content of **tribenuron-methyl** in: Technical (TC) and Water Dispersible granules (WG) formulation types.	CIPAC Handbook, volume K (pages: 128-136) /HPLC-DAD	2022
	Determination of the active substance content of **trifloxystrobin** in: Technical (TC), Any other liquid (to be applied undiluted) (AL), Emulsifiable Concentrate (EC), Flowable Concentrate for seed treatment (FS), Suspension Concentrate (SC) and Water Dispersable Granules (WG) formulation types.	CIPAC Handbook, volume O (pages: 161-173) /HPLC-DAD	2022

Tested Materials / Products	Types of tests / Properties to be determined	Applied Standard Methods / Techniques to be used	Year of validation/ verification
	Determination of the active substance content of **acetamiprid** in: Technical (TC), Wettable Powder (WP), Water Soluble Powder (SP), Water Soluble Granules (SG) and Soluble Concentrate (SL) formulation types.	CIPAC Handbook, volume L (pages: 4-15) /HPLC-UV	2023
	Determination of the active substance content of **chlorantraniliprole** in: Technical (TC), Flowable Concentrate for seed treatment (FS), Water Dispersible Granules (WG) and Suspension Concentrate (SC) formulation types.	CIPAC Hanbook, volume P (pages 28-46) /HPLC-DAD	2023
1B. Plant Protection Products (Accreditation concerns the determination of the active substance content of plant protection products under flexible scope by the technique of GC-FID in various formulation types, as described in detail in the "Types of tests")	Determination of the active substance content of **bitertanol** in: Technical (TC), Wettable Powder (WP), Dispersible Concentrate (DC) and Suspension Concentrate (SC) formulation types.	CIPAC Handbook, volume J (pages: 14-21) /GC-FID	2008
	Determination of the active substance content of **malathion** in: Technical (TC), Emulsifiable Concentrate (EC), Emulsion, Oil in Water (EW) and Dustable Powder (DP) formulation types.	CIPAC Handbook, volume K (pages: 88-94) /GC-FID	2008
	Determination of the active substance content of **procymidone** in: Technical (TC), Wettable Powder (WP), Water Dispersible Granules (WG) and Suspension Concentrate (SC) formulation types.	CIPAC Handbook, volume K (pages: 105-113) /GC-FID	2008

Tested Materials / Products	Types of tests / Properties to be determined	Applied Standard Methods / Techniques to be used	Year of validation/ verification
	Determination of the active substance content of **permethrin** in: Technical (TC), Wettable Powder (WP), Emulsifiable Concentrate (EC), Water Dispersible Granules (WG), Dustable Powder (DP), Oil in Water Emulsion (EW) and Long Lasting insecticidal Nets (LN) formulation types.	CIPAC Handbook, volume 1C (pages: 2172-2180) (formulation types: TC, WP, EC, WG, DP) CIPAC Handbook, volume M (pages: 155-162) (formulation types: TC, EW, LN) CIPAC Handbook, volume O (pages: 94-103) (formulation types: TC, EW, EC, LN) /GC-FID	2012
	Determination of the active substance content of **chlorothalonil** in: Technical (TC), Wettable Powder (WP), Water Dispersible Granules (WG) and Suspension Concentrate (SC) formulation types.	CIPAC Handbook, volume K (pages: 13-22) /GC-FID	2015
	Determination of the active substance content of **triadimenol** in: Technical (TC), Wettable Powder (WP), Water Dispersible Granules (WG), Emulsifiable Concentrate (EC), Suspension Concentrate (SC), Flowable Concentrate for Seed Treatment (FS) and Emulsion, oil in water (EW) formulation types.	CIPAC Handbook, volume N (pages: 134-144) /GC-FID	2018

Tested Materials / Products	Types of tests / Properties to be determined	Applied Standard Methods / Techniques to be used	Year of validation/ verification
	Determination of the active substance content of **alpha-cypermethrin** in: Technical (TC), Wettable Powder (WP), Emulsifiable Concentrate (EC), Suspension Concentrate (SC), Ultra-low Volume Liquid (UL*), Water Dispersible Granules (WG**) and Long Lasting insecticidal Nets (LN) formulation types. *For the code "UL", the corresponding current term is "Ultra-Low Volume (ULV) liquid" **For the code "WG", the corresponding current term is "Water Dispersible Granules" (see the "Manual on development and use of FAO and WHO Specifications for Pesticides" (1st edition, 3rd revision, 2016) – Appendix E)	CIPAC Handbook, volume H (pages: 14-21) (formulation types: TC, WP, EC, SC, UL) CIPAC Handbook, volume K (pages: 4-5) (formulation types: SC, WG) CIPAC Handbook, volume M (pages: 40-43) (formulation types: LN) /GC-FID	2019

Tested Materials / Products	Types of tests / Properties to be determined	Applied Standard Methods / Techniques to be used	Year of validation/ verification
	Determination of the active substance content of **lambda cyhalothrin** in: Technical (TC), Wettable Powder (WP), Emulsifiable Concentrate (EC), Ultra-Low Volume Liquid (UL*), Capsule Suspension (CS) and Long Lasting insecticidal Nets (LN) formulation types. *For the code "UL", the corresponding current term is "Ultra-Low Volume (ULV) liquid" (see the "Manual on development and use of FAO and WHO Specifications for Pesticides" (1st edition, 3rd revision, 2016) – Appendix E).	CIPAC Handbook, volume E (pages: 49-57) (formulation types: TC, WP, EC, UL) CIPAC Handbook, volume K (pages: 86-87) (formulation types: CS) CIPAC Handbook, volume L (pages: 137-142) (formulation types : CS) CIPAC Handbook, volume N (pages: 83-86) (formulation types: LN) /GC-FID	2021
	Determination of the active substance content of **tebuconazole** in: Technical (TC), Wettable Powder (WP), Water Dispersible Granules (WG), oil in water emulsion (EW), Suspension Concentrate (SC), Flowable Concentrate for Seed Treatment (FS) and Emulsion for Seed Treatment (ES) formulation types.	CIPAC Handbook, volume H (pages: 261-268) /GC-FID	2022

Tested Materials / Products	Types of tests / Properties to be determined	Applied Standard Methods / Techniques to be used	Year of validation/ verification
	Determination of the active substance content of **pirimiphos methyl** in: Technical (TC), Emulsifiable Concentrate (EC) and Capsule Suspension (CS) formulation types.	CIPAC Handbook, Volume O (pageç 112-133) /GC-FID	2023
	Determination of the active substance content of **metribuzin** in: Technical (TC), Water Dispersible Granules (WG), Suspension Concentrate (SC) and Wettable Powder (WP) formulation types.	The CIPAC method (CIPAC/5253/m), for which a CIPAC Collaborative Trial has been conducted (in May 2020) and which has been accepted as "full CIPAC method" in the 65th CIPAC meeting (2021), has not been issued in a CIPAC Handbook yet. /GC-FID	2023
Test categories 1A and 1B are accredited under flexible scope. Flexibility concerns the addition of new active substances of plant protection products and new formulation types with the techniques of HPLC-UV, HPLC-DAD and GC-FID according to the current version of the CIPAC Handbooks, with minor modifications.			

Tested Materials / Products	Types of tests / Properties to be determined	Applied Standard Methods / Techniques to be used	Year of validation/ verification
2. Plant protection products which exist as emulsions in the spray tank, during the application.	Determination of the emulsion characteristics and re-emulsification properties of plant protection products of formulation type Emulsifiable Concentrate (EC) and Emulsion, oil in water (EW).	CIPAC Handbook, volume K (pages: 137-139)/ Method MT 36.3	