

List of analytical methods for the control of Antimicrobial Residues and Dye Residues in Food established at the EU-RL Anses-Fougères

(as of 20.12.2024)

Group	Family of Substances	Title	Date of release of SOP
A2a	Chloramphenicol	Method of screening and confirmation of chloramphenicol in biological matrices by LC-MS / MS (EN)	Oct 2014 LMV.06.01.AN v3.1
A2a	Chloramphenicol	Method of screening and confirmation of chloramphenicol in urine by LC-MS/MS (FR)	Jan 2013 LMV.07.01.FR v2.1
A2a	Chloramphenicol	Evaluation of 5 ELISA kits from different suppliers for the detection of Chloramphenicol residues in meat and aquaculture products down to the RPA of 0.15 µg/kg	Dec 2024 Report v1 10/12/2024
A2b	Nitrofurans	Method of screening and confirmation of four residues of nitrofurans metabolites in honey by LC-MS/MS (FR)	Jan 2014 SM/PTC/010 v1
A2b	Nitrofurans	Method for the screening and confirmatory quantification of five nitrofurans metabolite residues in biological matrices using LC-MS/MS (EN)	Mar 2019 SM/PTC/030 v2
A2b	Nitrofurans	Method for the screening and confirmatory quantification of five nitrofurans metabolite residues in biological matrices including milks, eggs, casings and honeys using LC-MS/MS (EN)	Nov 2024 LMV/19/01 v5
A2abc	Chloramphenicol- Nitrofurans- Nitroimidazoles	Method for the multi-screening and confirmatory quantification of residues of chloramphenicol, five nitrofurans metabolites and nitroimidazoles including their metabolites in casings using LC-MS/MS (EN)	Dec 2024 SM/PTC/036 v1
A3a	Dyes	Method of screening and confirmation of residues of 3 dyes and their leucobase in aquaculture products by LC-MS/MS (FR)	May 2014 LMV/05/02 v2.1
A3a	Dyes	Method for the multi-residue detection and quantification of 15 dyes in aquaculture products using LC-MS/MS (v1 - EN)	May 2017 SM/PTC/23 v1
A3f	Quinoxalines	Confirmation of metabolites of carbadox (QCA and DCBX) and of olaquinox (MQCA) in the liver and muscle of animals by LC-MS/MS – Technical notice (EN) & SOP (FR)	Nov 2013 12.FL & SM/PTC/018 v1
A3f	Fumagillin	Method for the detection and confirmatory quantification of fumagillin and dicyclohexylamine residues in honey by LC-MS/MS	July 2022 SM/PTC/034 v1
B1a	Antimicrobials	Method for the screening of multi-antibiotic residues in muscle using LC-MS/MS (EN)	Aug 2016 LMV/16/02.AN v0
B1a	Antimicrobials	STAR PROTOCOL – Screening test for antibiotic residues by inhibitory method (EN)	Jul 2011 BIO/PTC/15.AN v7
B1a	Antimicrobials	Method for the screening and quantification of residues of macrolides, lincosamides, penicillins and cephalosporins in muscle using LC-MS/MS (EN)	Mar 2017 SM/PTC/025.AN v1
B1a	Antimicrobials	Method of screening of antibiotics in feed by LC-MS/MS (FR)	Feb 2019 SM/PTC/027 v2
B1a	Antimicrobials	LC-HRMS screening method for veterinary drug residue analysis in meat – Short description (EN)	Apr 2019 SM/PTC/031 v1
B1a	Antimicrobials	LC-HRMS screening method for 196 veterinary drug residue analysis in meats and milks (EN)	Nov 2023 SM/PTC/031 v2

B1a	Aminoglycosides	Method for the screening and quantification of aminoglycoside residues in muscle and milk using LC-MS/MS (EN)	Aug 2016 LMV/16/01.AN v1
B1a	Beta-lactams	Method for the screening and quantification of residues of penicillins and cephalosporins in milk using LC-MS/MS (EN)	Dec 2018 SM/PTC/029 v1
B1a	Colistins	Method for the screening and quantification of residues of colistin in meat using LC-MS/MS (EN)	Oct 2020 CY/SGL/SOP
B1a	Colistins	Method for the screening and quantification of residues of colistins, bacitracin A, and virginiamycin M1 in feed using LC-MS/MS (EN)	April 2020 SM/PTC/032-v1
B1a	Florfenicol & Florfenicol amine	Method for the detection and confirmatory quantification of florfenicol residues in muscle and flesh matrices using LC-MS/MS	Sept 2022 SM/PTC/033-v1
B1a	Tetracyclines	Method for screening and confirmation of residues of tetracyclines in muscle and in milk by LC-MS/MS (FR)	Jun 2018 SM/PTC/007 v3
B1a	Tetracyclines	Method for screening and confirmation of residues of tetracyclines in muscle, kidney and aquaculture products by HPLC-UV (FR)	May 2011 LMV/01/03 v1
B1a	Tetracyclines	Method for screening and confirmation of tetracycline residues by LCMSMS (Honey) (v1 - EN)	Oct 2013 SM/PTC/017.AN v1
B1a	Quinolones	Method for screening and confirmation of residues of quinolones and fluoroquinolones in muscle and in fish by HPLC-FLD (FR)	Jun 2018 HPLC/PTC/029 v2
B1a	Sulfonamides	Method for screening and confirmation of residues of sulfonamides in milk by HPLC-UV (FR)	Dec 2001 LMV/00/01 v2
B1a	Sulfonamides	Method for dosage and confirmation of residues of sulfonamides in honey by LC-MS/MS (EN)	Jul 2014 SM/PTC/015.AN v1
B1a	Sulfonamides	Method for the screening sulfonamides and trimethoprim in honey by ELISA Multiplex (accord. Kit AM I - Randox) (FR)	Apr 2014 IMM/PTC/023 v3
B1a	Antimicrobials	Method for screening of 6 families of antimicrobials in honey by ELISA Multiplex (accord. Kit AM II - Randox) (FR)	Apr 2014 IMM/PTC/022 v3
