

March 2022 EMA/377885/2015-Rev.3 Veterinary Medicines Division

Validation checklist for initial MAA – pharmaceuticals (applicable to submissions under Regulation (EU) 2019/6)

1.	Back	aroun	d on	the	product
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(Invented) Name and procedure number: INN or common name:

Indication applied for:

This validation checklist is used by the Agency to validate initial marketing authorisation applications for pharmaceuticals and applicants should use it as a means to review in advance of their submission that standard requirements are fulfilled.



For the below table, please fill out by referring to the application form one line for each presentation per strength and form. Check consistency with the SPC. This is aimed at having the correct count for the fees.

Strength (2.2.1 in AF)	Pharmaceutical Form (2.2.1 in AF)	Target species (2.1.4. in AF)	Route of administration (2.2.2. in AF)	Content (concentration) (2.2.1 in AF)	Package size (2.2.3 in AF)
As declared in the SPC, section 2; e.g. 25 mg; 100 IU/ml [Qualitative and quantitative composition of the active substance or substances and qualitative composition of excipients and other constituents (e.g. adjuvants) stating their common name or their chemical description and their quantitative composition, if that information is essential for proper administration of the veterinary medicinal product. Expressed per dosage unit or according to the form of administration for a given volume or weight. E.g. for vaccines: "Each 2 ml dose contains {x}	Singular only			Only for liquids, creams and solid multidose forms, e.g. 5 ml only	Quantitative information Specify the pharmaceutical form in a simplified way (eg 1 vial, 60 capsules)
units {active substance}					

2. Summary of Flags to PM (For internal use only)

3. Background documentation:

Topic	Document
User guide for the electronic application form for a marketing authorisation (veterinary)	http://www.hma.eu/fileadmin/dateien/Veterinary medicines/CMDv Website/Procedural guidance/General info on applications/eSubmission/User Guide for the electronic application form for a marketing version 3.pdf
Annex II of REGULATION (EU) 2019/6 amended by Commission Delegated Regulation 2021/805	Publications Office (europa.eu)
EDQM database of TSE/chemical certificates (CEPs)	https://extranet.edqm.eu/publications/recherches CEP.shtml
Veterinary e-submission guidelines	http://esubmission.ema.europa.eu/tiges/vetesub.htm
Link to the European Pharmacopoeia	http://online.pheur.org/EN/entry.htm
Guideline on Active Substance Master File Procedure	http://www.ema.europa.eu/ema/index.jsp?curl=pages/regulation/q and a/q and a detail 000059.jsp∣=WC0b01ac058002d9ad http://www.ema.europa.eu/docs/en GB/document library/Scientific guideline/20 12/07/WC500129994.pdf
COMMISSION REGULATION (EU) No 37/2010	<u>CL2010R0037EN0420020.0001.3bi</u> cp 14 (europa.eu)
of 22 December 2009 on pharmacologically active substances and their classification regarding maximum residue limits in foodstuffs of animal origin	
ATCvet codes	https://www.whocc.no/atcvet/atcvet_index/

Topic	Document		
EDQM standard terms:	https://standardterms.edqm.eu/		
(It is used to check the dosage form (=pharmaceutical form) and route of administration.)			
Process for handling new standard term requests received from applicants in the pre-submission phase (or from other sources, also during any procedure):	If a new term (e.g. pharmaceutical form or unit of measurement) or a request for an update of an already existing term is needed in order to complete the eAF, a request should be submitted through the SPOR Portal - http://spor.ema.europa.eu/rmswi/#/ providing as much supporting documentation as possible (e.g. name of the product concerned, SPC, etc).		
EUTCT: to check the target species	http://eutct.ema.europa.eu/eutct/showAvailableListsDisplay.do?guestuser=true		
Ph. Eur.: if the applicant declares that the reference for a substance (active substance or excipient) is the Ph. Eur., there is a need to check that they use the name in the Ph. Eur and not any other equivalent name.			
ASMF templates for letter of access and submission letter:	https://www.ema.europa.eu/documents/template-form/template-active-substance-master-file-procedure en.doc		

4. Checklist

Definitions:

VSI: Validation Supplementary Information. Information that will be requested by the Agency to the applicant during the validation period and that should be resolved before the start of the procedure, if not indicated otherwise.

Blocking issue: An issue that has been identified during the validation period and that should be resolved before the start of the procedure, otherwise it would prevent validation of the application.

General Application Form checks				
Is the information on product name, active substance, strength(s) and pharmaceutical form(s) given consistently (and correct) between cover page of the application form, sections 2.1.1, 2.1.2 and 2.2.1 of the application form and PI?	Select	If No, request corrected application form and/or PI, as appropriate.		
Confirm Product Shared Mailbox, SIAMED, EURS, DREAM Product Folder are consistent with the Product Name given in the Application Form	Select	Immediately contact vet applications/ VO and ask for these to be amended. Product Shared Mailboxes are created by eligibility team.		
Are all Annexes as ticked in section '5- Annexed documents' provided?	Select	Double check with boxes ticked in the individual sections, too. If an Annex is missing issue VSI		
Are the names and address of the Manufacturer(s) of the Finished product and of the Active substance(s) correct through all the dossier, eAF and SIAMED?	Select			

Part 1a: Appl	ication Forn	n
Please ensure that all details given in the application form on product document	ct and applic	cant (incl. address) are consistent throughout the
GENERAL CON	SIDERATIO	
Has correct version of Application Form been used?	Select	Use of the correct e-application form is mandatory. Check first page of application form against the latest version. If not, request relevant missing/changed parts. The applicant can provide the correct version of the eAF within responses to validation issues plus missing documents. If missing information is not provided by the validation date, suspend the validation. The last opportunity for the MAH to submit a revised dossier and resolve validation issues will be 2 months from the initial submission date. If the revised dossier is not submitted within this time limit the Agency will consider the application withdrawn in accordance with Article 6(6) of Regulation (EU) 2019/6.
Product (Invented) Name: Has submitted name been agreed with the CVMP/Invented Name Check? Is the name the same as indicated in section 2.1.1 and in the Product information.	Select Select	The invented name should be agreed by CVMP prior submission. However, this is not a validation issue if name not agreed yet. Note: although it is recommended that the invented name is written with the first letter in upper case and the rest as lower cases, it is ultimately the choice of the applicant/ MAH (either upper or lower case), as long as it is written in a consistent format throughout the PI and is consistent with how the invented name will appear on the printed artwork. Reference: Compilation of QRD Decisions on stylistic matters - https://www.ema.europa.eu/en/documents/regulatory-procedural-guideline/compilation-quality-review-

Please ensure that all details given in the application form on product and applicant (incl. address) are consistent throughout the document

GENERAL CONSIDERATIONS documents-decisions-stylistic-mattersproduct-information en.pdf Cover letter: Select **Cover letter:** If not, or letter not provided/not correct, request corrected application form/letter. Is the person authorised to communicate on behalf of the applicant the Select same as indicated in section 2.4.2 of the application form and is a letter of authorisation attached for this person (Annex 5.4)? Cover letter: In case person is different from above ('person authorised to communicate on behalf'. Is signatory on behalf of the applicant either CEO of company, member of Select management board etc. or a person authorised to communicate on behalf of the applicant, i.e. the designated person as indicated above? Declaration on manufacturing sites (attachment to the cover letter) where the applicant confirms that: • The detailed information in relation to the manufacturing sites contained in Part 2/Module 3, is correct in terms of names, addresses and manufacturing activities, and Select • This information is consistent throughout the dossier, in particular with the corresponding information contained in Part 1 (electronic Application Form, flow-chart in Annex 5.8, QP declaration in Annex 5.19, GMP certificates in Annex 5.9, MIAs or MIAs equivalents in Annex 5.6). **Declaration from the applicant that:** To be part of the Cover letter. If the declaration is missing or MAH cannot • All information which is relevant to the evaluation of the veterinary declare it due to the fact that the studies are Select not finalised- clarify it with MAH as a priority. medicinal product concerned is included in the application, whether In case studies are not completed- inform SL and Rapporteur/co-Rapporteur immediately.

Please ensure that all details given in the application form on product and applicant (incl. address) are consistent throughout the document

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favourable or unfavourable to the product. In particular, all relevant details related to any incomplete or abandoned study or trial relating to the veterinary medicinal product are given. In addition, all pivotal studies are complete and final reports have been presented and full data of not-completed studies will be provided at a later stage and as soon as available. • All submitted data for this application for marketing authorisation relevant to the quality, safety and efficacy of the veterinary	Select	SL/Rapporteur to confirm to a validator whether the validation can be successfully finalised.
medicinal product, including data publicly available, are not subject to protection of technical documentation.		
Applicant established in Ireland to provide a language waiver. The waiver needs to state whether the applicant accept or reject EN as authentic language.	Select	The waiver needs to be signed by the applicant. For companies established in Ireland, send a question proactively about the waiver (to avoid translations into Irish). In case Irish translation is required flag it up to SL and QRD. Guidance and form for waiver: <pre>https://www.ema.europa.eu/en/veterinary- regulatory/marketing-authorisation/product- information-requirements-veterinary-medicines</pre>

Please ensure that all details given in the application form on product and applicant (incl. address) are consistent throughout the document

1.1 Eligibility ticked as agreed by CVMP and date correct?	Select	
1.3 Legal basis:	Select	Check correctness with Letter of Intent(CVMP
		response to the applicant) and eAF.
1.3 In case the legal basis is Art 23 (limited market)	Select	The letter from CVMP to be included in the dossier Part 1 - Admin Info. The letter should confirm that the product is intended for use in a limited market and that the benefit of availability outweighs the risk associated with the omission of some of the safety or efficacy data
1.3 In case the legal basis is Art 25 (exceptional circumstances	Select	The letter from CVMP to be included in the dossier Part 1 - Admin Info. The letter should provide a justification as to why the benefit of the immediate availability on the market of the veterinary medicinal product concerned outweighs the risk inherent in the fact that certain quality, safety or efficacy documentation has not been provided.

Please ensure that all details given in the application form on product and applicant (incl. address) are consistent throughout the

document				
1.3.5 Article 21 - Informed consent application	Select	If informed consent is not ticked as the legal basis, select N/A.		
 The scope of the application is the same as the reference product. If informed consent is ticked as the legal basis for the application, information on the reference medicinal product is given below (Product invented name, pharmaceutical form(s), strength(s, Marketing authorisation holder, MA Number(s) and Date of authorisation). 		Only a complete administrative data must be provided in the application, with consent to use the pharmaceutical, safety, (pre-clinical) and clinical data of the reference product given by the parent MA holder. In this case, there is no need to submit quality, safety and efficacy detailed and critical summaries. If the parent product belongs to the same MAH (so		
 Annex 5.2 is ticked in the eAF and the letter of consent from marketing authorisation holder of the authorised (parent) product is attached in Part 1a. 	Select	called "self-informed" consent), the letter of consent must still be provided - it is not correct when the applicant justifies that this is not applicable.		
 Complete administrative data is provided in the application (including SPC). 	Select			
1.4 MRL status: For VMPs for food producing animals, has the applicant provided information for the active substance(s) (pharmaceutical products) and excipient (including for immunological products)	Select	Only to be completed when the target species is/are (a) food-producing animal(s) (check target species in section 2.1.4 of the eAF). For pharmaceutical products information on all constituents should be included. Information can be provided either in the field: - "Maximum Residue Limits (MRLS) according to Commission Regulation (EU) No. 37/2010" when the MRL has been established by the European Commission or; - "Application for a Maximum Residue Limit has been made to the EMA" when the MRL application has been submitted however MRL(s) has not yet been established.		
1.4 MRL status: Is the information concerning established MRLs and/or submitted MRL applications correct?	Select	There must be an MRL status for each target species (e.g. bovine, porcine, all mammalian species, all food producing species) and/or relevant food commodity (milk, eggs, honey). E.g. if target species is dairy cattle, an MRL for milk is applicable; if target species is laying hens, an MRL for eggs is applicable.		

Please ensure that all details given in the application form on product and applicant (incl. address) are consistent throughout the

1.5 Additional requests for consideration: Has the applicant provided documents in support of his request for	Select	1.5.1 In case the applicant ticked accelerated assessment, check in SIAMED that this info has been recorded. Accelerated assessment procedure
1.5.1. Accelerated assessment procedure	Select	should be assessed during the eligibility stage so a correct timetable is agreed. If not ticked, select 'N/a'. If granted, flag to S/CL and indicate in SIAMED for the correct TT. If box ticked but accelerated review not approved indicated in SIAMED, check with SL, issue VSI and immediately flag issue to S/CL.
1.5.2 Prolongation of data protection: Article 40(1) of Regulation (EU) 2019/6 (where the first MA is granted for >1 species referred to in point (a) or (b) of Article 39(1), or a variation is approved in accordance with Article 67 which adds another species referred to in point (a) or (b) of Article 39(1), the period of the protection provided for in Article 39 shall be prolonged by one year for each additional target species, provided that, in the case of a variation, the application has been submitted at least three years before expiration of the protection period laid down in point (a) or (b) of Article 39(1))	Select	If yes, flag it up to Vet Regulatory Affairs
1.5.3 Prolongation of data protection: Article 40(2) of Regulation (EU) 2019/6 (where the first MA is granted for >1 species referred to in point (d) of Article 39(1), or a variation is approved in accordance with Article 67 which adds another species not referred to in point (a) of Article 39(1), the period of the protection provided for in Article 39 shall be prolonged by four years, provided that, in the case of a variation, the application has been submitted at least three years before expiration of the protection period laid down in point (d) of Article 39(1))	Select	If yes, flag it up to Vet Regulatory Affairs

Part 1a: Application Form Please ensure that all details given in the application form on product and applicant (incl. address) are consistent throughout the document 1.5.4 Additional data protection: Article 40(5) of Regulation (EU) 2019/6 (if a variation involving a change to the pharmaceutical form, Select If yes, flag it up to Vet Regulatory Affairs administration route or dosage is approved, and additionally assessed to have met a criterion within this Article, the results of the concerned preclinical studies or clinical trials shall benefit from four years protection) If Active Substance ticked as a new active 2.1.2 Claim for new Active substance substance: Select Justification letter to be provided in Annex 5.21 Check correctness on the following link: 2.1.3 ATCvet code and pharmacotherapeutic group http://www.whocc.no/atcvet/atcvet index/ The pharmacotherapeutic group would usually be the 4th group. It is not the name of the substance. Example: Substance: mesulfene ATCvet code: OP53AA01 Pharmacotherapeutic group: Sulfur-containing Select products. It would be acceptable if both 3rd and 4th groups are stated: ectoparasiticides for topical use incl. insecticides, sulphur-containing products. If an ATC vet code is published by the WHO, but it is not used in the application, a justification should be provided. If an ATC vet code has not yet been assigned, the eAF and the PI should be left blank. Should be in line with product information. 2.1.4 Target species If a new target species or a request for an update is needed in order to complete the eAF, a request should be submitted through the SPOR Portal - http://spor.ema.europa.eu/rmswi/#/ Select providing as much supporting documentation as possible (e.g. name of the product concerned, SPC, etc).

Please ensure that all details given in the application form on product and applicant (incl. address) are consistent throughout the

document		
2.1.5 Withdrawal period	Select	
2.2.2 Route of administration: In line with Standard Terms?	Select	Check against standard terms (EDQM). If a new term (e.g. pharmaceutical form or unit of measurement) or a request for an update of an already existing term is needed in order to complete the eAF, a request should be submitted through the SPOR Portal - http://spor.ema.europa.eu/rmswi/#/ providing as much supporting documentation as possible (e.g. name of the product concerned, SPC, etc).
2.2.3 Container, closure and administration device(s) Are information provided in line with Part 2 and Product Information? Annex 5.17 is ticked in the eAF.	Select	The container should be selected from the List of Standard Terms published by the EDQM. The Annex 5.17 should contain short description (names) of mock-ups or samples / specimens sent or provided with the application.
2.3 Legal status: Has the applicant proposed a legal status for its medicinal product?	Select	Applicant to propose i.e non-prescription - restricted - special
If "not subject to veterinary prescription", is the critical review present?	Select	An application proposing classification of a veterinary medicinal product as "not subject to veterinary prescription" shall include a critical review of the product characteristics in order to justify the suitability of such classification taking into consideration target and non-target animal safety, public health as well as environmental safety, as outlined in the criteria given in Article 34 (3), points (a) to (g). If yes-flag it up to Vet-RA
2.4.1 Proposed MAH: Is the name and address (if mentioned in the proof of establishment (PoE)) of the proposed MAH exactly the same as in the PoE?	Select	Annex 5.3 has to be provided and the details should be exactly the same as in section 2.4.1 as far as they are given in the PoE. Ignore section for national/decentralised applicant (should be kept unticked/empty).

Part 1a: Application Form Please ensure that all details given in the application form on product and applicant (incl. address) are consistent throughout the document Annex 5.3: Proof of establishment: Does the Annex 5.3 duly establish Should not be older than 6 months but can be in any language as long as EN translation is the applicant as being in the EEA? Select provided. It can be that the email address is a generic **2.4.1 Proposed MAH:** Is a person identified at the MAH address (for email address. In that case it should be centralised procedure)? confirmed with the company (can be in the cover letter) that it is a dedicated email address Select which will reach the allocated person 24h/day. If section 2.4.2 is filled in, a personal email address should be included. **2.4.1 SME status:** If yes is ticked, is the Qualification as SME in Annex 5.21 still valid? Information provided in the application are the Select same in Annex 5.21 and in the formatted table. **2.4.4 Qualified person for PhV** Is the CV of the qualified person Name, Address, Telephone number, personalized email address should be included. attached in Annex 5.20. It might be that the email address is in a format such as EUQppv@company.com but in that case it should be confirmed with the company that it is a Select dedicated email address which will reach the OPPV24h/dav. If CV of qualified person is missing (no Annex 5.5 nor inclusion in Annex 5.20, issue VSI Person has to be located in the EEA. **2.5.1.1** Has a person responsible for **product defects and recalls in the EEA** been named along with contact details? (should include at Select least name / surname, address with postcode and country, 24H tel. # and e-mail address) 2.5.2 Proposed Manufacture of the Finished Product (FP): Is the Details of the name and the address mentioned in Annex 5.8 to be checked that are as in point

Select

Select

2.5.2 (2.5.1) in the eAF.

Annex 5.6, 5.9 have to be provided (Checked by

the same as in point 2.5.3 of the eAF.

inspections). Details of the name and the address

mentioned in the ASMF/CEP to be checked that are

name and address of the Manufacturer of the FP the same as in

exactly the same as in the Active substance master file (ASMF) or

2.5.3 Proposed Manufacturer of the active substance: Is the name

Ph. Eur. Certificate (CEP), as applicable.

and address of the Manufacturer of the Active substance (s)

Annex 5.8

Part 1a: Application Form Please ensure that all details given in the application form on product and applicant (incl. address) are consistent throughout the document 2.5.3 Ph. Eur. Certificate for the active substance(s) (CEP): If a Check the EDOM certificate database online at https://extranet.edgm.eu/publications/recherches certificate is claimed to have been issued, has a valid, up-to-date CEP.shtml copy been provided in Annex 5.10? N.B.: If nothing is ticked, it means that it is not applicable. If Yes is ticked and there is no Select certificate, then it's a VSI Details on CEP-related requirements - please see below in the CEP section at the end of part 2. Check the EDOM certificate database online at **2.5.3 Ph. Eur. Certificate (CEP):** If a CEP is used, are the following https://extranet.edgm.eu/publications/recherches clearly identified: CEP.shtml Name of the CEP holder N.B.: If nothing is ticked, it means that it is Name of the manufacturer not applicable. If Yes is ticked and there is no CEP number certificate = VSI • Date of last update Select Check that the CEP and application form are consistent regarding each of the bullet points opposite Details on CEP-related requirements - please see below in the CEP section at the end of part 2. 2.5.3 Active substance master file (ASMF): - If the ASMF is not used, select N/A and leave the ASMF-related boxes below blank - If presence of the ASMF is indicated in the AF, check if the ASMF from the ASMF holder was provided - If ASMF is missing (not submitted) = blocking Select - If ASMF is indicated and was submitted by the ASFM holder, proceed with the following checks of the application form section 2.5.3 and check of the ASMF itself If an ASMF is used, are the following clearly identified in the AF: Name of manufacturer if different from above: Select Make sure the signature on the letter of access Name and address of ASMF holder. Select is correct (i.e. if the manufacturer signs ON • Name of manufacturer if different from above Select BEHALF of the ASMF holder, this needs to be EU ASMF reference number or National (EMEA) ASMF reference Select appropriately authorised number as applicable • Applicant's part version number ASMF submission date and date Select

Part 1a: Δι	plication Form				
Please ensure that all details given in the application form on product and applicant (incl. address) are consistent throughout the document					
of last update The letter of access provided by the ASMF holder to the Application should follow the format of Annex 2 of the Guideline on Active Substance Master File Procedure (EMEA/CVMP/134/02) and should be provided in Annex 5.10 of the AF. Confirmation that changes will be notified (Annex 5.11 provided It is part of the access letter (Annex 5.10) if the ASMF Guideline template is used. The ASMF and application form are consistent regarding each of the bullet points above (check Submission Letter and Administrative Details in the ASMF)	Select Select	Please note that: - EU ASMF number: is in place from December 2013. This number is to be allocated if the ASMF assessment worksharing procedure is used. The EU/ASMF/XXXXX will be allocated by PA-BUS (or an NCA, in case of an earlier submission of the ASMF in a national MAA/MAV) upon request by the ASMF holder, before ASMF submission. The request of the EU ASMF number is not mandatory, but it is mandatory to have EITHER the EU or the National (EMEA) ASMF number. - National (EMEA) ASMF number: is in place from 1st September 2013. It is the EMEA number the Agency will allocate to ASMF submitted only centrally and the ASMF assessment worksharing procedure is not used for that ASMF. The EMEA/ASMF/XXXXX will be allocated by PA-BUS upon requested by the ASMF holder, before ASMF submission. An ASMF should always be submitted with one of the two (EU or EMEA) numbers. Have the letter of access and letter with confirmation regarding notification of any changes been provided (note: can be combined into 1 letter - template of Annex 2)			
Further explanations for the validation of the ASMF are below in the checklist at the end of part 2.					
2.6.1 Qualitative and Quantitative composition: Is the information in this section in agreement with the relevant information in Part 2a-qual-quant-partic?	2, Select	For liquids, not only concentration per 1 ml needs to be given but also the container size/volume of the product. This can be found either in the AF point 2.2.3 (or 2.2.3.1) or 2.6.1.			

Part 1a: Application Form Please ensure that all details given in the application form on product and applicant (incl. address) are consistent throughout the document		
2.6.1 Qualitative and Quantitative composition: Cross-check with in Part 2, 2a-qual-quant-partic Active substance Overages	Select	If VSI - Pharmacopoeia terminology should be used. This excludes components that are not present in the final dosage form. There is no information that can be withheld as confidential in providing a regulatory submission to the Agency. E.g. composition of tablet coating mixtures. Notes: - Complete composition to be provided; no information can be confidential - all to be disclosed to the Agency. E.g. for commercially available tablet film-coating mixtures quantitative composition needs to be provided (through confidentiality agreement between the applicant and the mixture manufacturer). - For liquids, not only concentration per 1 ml needs to be given but also the container size/volume of the product. - Reference to Ph. Eur. for excipients is preferable. If reference to USP/NF or JP is used instead, VSI (but not a blocking issue if not provided with the responses) - Overages - extra amount of the active substance or excipients added to compensate for losses during manufacture/storage. Generally discouraged - Overfill should not be stated in the
2.6.2 Materials of animal origin	Coloct	Application Form - if it is = to be removed. All material of animal origin should be stated including reagents in the active substance
Cross-check with Part 2, 2c4-bio-origin.	Select	manufacture.
2.6.2 TSE certificate: If applicant has ticked and given the number of a Ph. Eur. Certificate of suitability, is it/are they duly annexed in 5.12?	Select	Information on excipients to be consistent with Part 2, 2c4-bio-origin (TSE table A and table B). TSE tables applicable only for materials of animal origin In EDQM database, it is better to search for the Certificate number (Certificate of suitability for TSE) Check the EDOM certificate database online at

Part 1a: Application Form Please ensure that all details given in the application form on product and applicant (incl. address) are consistent throughout the document				
			https://extranet.edqm.eu/publications/recherches	
4.1 Other MAA	A (for national applications only)	Select	In case of Art 42(4)the point is applicable for CAPs. Check something has been ticked and the corresponding fields have been filled in, and if applicable, Annex 5.15 has been provided.	
	pplications: If the company is submitting a nultiple, has the letter of authorisation from the EC been	Select	Only possible to validate a multiple application in case at least an amber letter (with conditions to be fulfilled) or a green letter (no conditions) by EC is attached. Please flag to Vet Reg Affairs	
Annexes: Mock-u application form?	ps: Is list of mock-ups attached in Annex 5.17 to the	Select		

Part 1 - excluding application form		
1b SPC, Labelling and Package Leaflet:		Note: If Word version not provided, not a VSI but necessary to be received by day 1 of the
Are they provided in EN for all of the applied for forms/strengths?	Select	procedure.
Is Word version of the PI provided (in folder 'add-info')?	Select	
Is the correct (QRD) format (latest version) used for the product literature?	Select	
If combined PL, is the justification present?	Select	
Mock-up: Have the mock-ups been provided? Mock-ups are not a requirement but a recommendation to applicants. They can be submitted on a voluntary basis.		Mock-up for PL not needed, only labelling (outer and inner)
In English	Select	For validation purposes the Agency requests that all applications for a Marketing Authorisation should include the labelling texts in English, together with one English mock-up and one multilingual mock-up ('worst case') of the outer and small immediate packaging for each pharmaceutical form in the smallest pack size.

Dossier- structure			
All documentation should be submitted using file formats that facilitate reviews on screen	Select	To allow functionality such as text searching, copying and pasting into editable formats, PDF documents should be created (rendered) directly from their electronic source documents. If scan of the document provided, it has to be searchable.	
Structure of the folders	Select	Where the structure defined in Table 1 to Table 11 applies, including additional folders within the structure of the e-submission is not permitted, with the exception of the folder "addinfo" where subfolders could be constructed. However, the total number of folder levels of the submission should never exceed three levels. If there are empty folders in the submission because no data is provided these should be deleted as the folder structure should reflect only what actually is submitted. Corresponding positions in the relevant table of contents (TOC) should also be deleted. When only little information is presented for a number of folders at the same level of granularity, it is acceptable to include all the information in a single PDF at the higher level of the granularity. This should be indicated in	
Files naming	Select Select	The name of the files should be in English. They should be descriptive and unambiguous especially if more than one PDF is included in a particular section. Any information that may help identify the contents of the file is encouraged to be included in the file name. Preferably the file name should include the part of the dossier where the document is located. In these cases file names should be based on the naming convention for dossier parts used in the folder structure as defined in Table 1 to Table 11.	

Part 1c - Critical expert reports

For new applications, statements justifying absence of data or specific parts/sections should be provided in the relevant detailed and critical summary. In case any of these docs need updating, updated expert signatures in Part 1c have to also be provided or updated docs have to be signed.

<u>For each report a signature of the expert with date</u>, a CV and a declaration of the professional relationship is necessary. Expert does not need to reside within the EEA. If it is obvious from the CV of the expert that he/she is an employee of the applicant, the declaration of his/her professional relationship can be omitted.

1c1	 Detailed and critical summary report - Quality: Has the report been provided, together with: CV of the expert Declaration of his/her professional relationship to the applicant? 	Select Select Select	
1c2	 Detailed and critical summary report - Safety and Residues: Has the report been provided, together with: CV of the expert Declaration of his/her professional relationship to the applicant? Tabulated summary of all technical documentation and relevant data submitted 	Select Select Select	Separate reports might be provided for safety, residues (not required for non-food producing species) and ERA. Short check if the headings of the main subsections (pharmacology, user safety, ERA and residues (for food-producing species only) are present.
1c3	 Detailed and critical summary report - Efficacy: Has the report been provided, together with: CV of the expert Declaration of his/her professional relationship to the applicant? Tabulated summary of all technical documentation and relevant data submitted 	Select Select Select	Short check if headings of the main subsections are present (pre-clinical, including target animal safety and clinical)

PART 2 (Quality)

The following formats for Part 2 (quality) are accepted for veterinary MAA pharmaceutical:

Option 1: According to Annex of Directive 2009/09/EC folder structure: electronic (VNeeS)

Part 2 – Quality (physicochemical, biological or microbiological information)

Check for either documents in the appropriate indent or a justification for absence has been provided in the quality overview -> If neither is present => VSI.

The purpose of Part 2 validation is to check presence or absence of documents, not to read them.

Part 2 ToC	Select	Should be in P2 folder but outside any of the subfolders within P2. (this is also checked by the VNeeS checker)
2.A Product description 2.A.1 Qualitative and quantitative composition		It is acceptable not to create one folder per subsection (i.e. 2a1, 2a2, 2a3, 2a4) It can be all included in the same document.
		The information in this section should be consistent with section 2.6.1 of the application form.
2.A.1.1 Qualitative composition of all constituents	Select	
2.A.1.2. Usual terminology	Select	
2.A.1.3. Quantitative composition	Select	
2.A.2. Product development	Select	
2.A.2.1 Development pharmaceutics	Select	
2.A.2.2 Study of interaction between FP and Primary packaging	Select	Only applicable wherever the risk of such interaction is regarded as possible, especially where injectable preparations are concerned.
2.A.2.3 Justification of proposed package size	Select	Applicable in particular for antimicrobial (active) substances.
2.A.2.4 Demonstration of dosage accuracy	Select	Applicable if a dosing device is provided with the FP

Part 2 – Quality (physicochemical, biological or microbiological information)

Check for either documents in the appropriate indent or a justification for absence has been provided in the quality overview -> If neither is present => VSI.

The purpose of Part 2 validation is to check presence or absence of documents, not to read them.

2.A.2.5 Relevant information about companion test	Select	Applicable if companion test recommended to be used with the FP.
2.A.2.5 Information on inclusion rates, instructions for incorporation, homogeneity in-feed and compatibility/suitable feed	Select	Applicable if vet. medicinal products are intended for incorporation into feed.
2.B. Description of the manufacturing method	Select	
Manufacturing formula, with quantitative particulars	Select	
Manufacture stages	Select	
Homogeneity of FP	Select	Applicable if continuous manufacture.
List of in-process controls	Select	
Validation of the manufacturing process	Select	
Details of the sterilisation processes and/or aseptic procedures	Select	Applicable if sterile products with non-pharmacopoeial sterilisation.
2.C. Production and Control of starting materials		
2.C.1 Active substance(s)	Select	
2.C.1.1. Active substances listed in pharmacopoeias	Select	
2.C.1.2. Active substances not listed in a pharmacopoeia	Select	
2.C.1.3. Physicochemical characteristics liable to affect bioavailability	Select	
2.C.2. Excipients	Select	
2.C.3. Packaging (Container-closure system)	Select	
2.C.3.1 Active substance	Select	
2.C.3.2 Finished Product	Select	
2.C.4. Substances of biological origin	Select	Tables A, B and C to be included here, if applicable. If there are no substances of animal origin the tables do not need to be included. The information here should be consistent with section 2.6.2 of the application form.

Part 2 – Quality (physicochemical, biological or microbiological information)

Check for either documents in the appropriate indent or a justification for absence has been provided in the quality overview -> If neither is present => VSI.

The purpose of Part 2 validation is to check presence or absence of documents, not to read them.

2.D. Control tests carried out at intermediate stages of the manufacturing process	Select	
2.E. Control tests on the finished product	Select	
2.E.1 General characteristics of the finished product	Select	
2.E.2 Identification and assay of active substance(s)	Select	
2.E.3 Identification and assay of excipient components	Select	
2.E.4 Microbiological controls	Select	
2.E.3 Batch-to-batch consistency	Select	
2.E.6 Other controls	Select	2.E.6 Can contain information of any other test considered necessary to confirm the quality of the medicinal product.
2.F. Stability test		
2.F.1. Active substance(s)	Select	
2.F.2. Finished product	Select	
2.G. Other information	Select	Can contain information related to the quality of the veterinary medicinal product but not covered in the previous sections.

Option 2: According to Common Technical document (CTD) structure

Part 2 - Quality

Check for either documents in the appropriate indent or a justification for absence has been provided in the quality overview -> If neither is present => VSI.

3.2.S	Drug Substance		
3.2.S.1	General Information		
3.2.S.1.1	Nomenclature	Select	
3.2.S.1.2	Structure	Select	
3.2.S.1.3	General properties	Select	
3.2.S.2	Manufacture		
3.2.S.2.1	Manufacturer(s)	Select	
3.2.S.2.2	Description of manufacturing process and process controls	Select	
3.2.S.2.3	Control of materials	Select	
3.2.S.2.4	Controls of critical steps and intermediates	Select	
3.2.S.2.5	Process validation and/or evaluation	Select	For chemicals, process validation is only applicable to sterile active substances; otherwise N/A.
3.2.S.2.6	Manufacturing process development	Select	
3.2.S.3	Characterisation		
3.2.S.3.1	Elucidation of structure and other characteristics	Select	
3.2.S.3.2	Impurities	Select	
3.2.S.4	Control of drug substance		
3.2.S.4.1	Specification	Select	
3.2.S.4.2	Analytical procedures	Select	In 3.2.S.4.2 and 3.2.S.4.3 - for pharmacopoeial methods, reference to Ph.Eur. is sufficient.
3.2.S.4.3	Validation of analytical procedures	Select	Full validation reports of all methods (excluding Ph.Eur. methods) should be provided. Validation summary is not sufficient.

Part 2 - Quality

Check for either documents in the appropriate indent or a justification for absence has been provided in the quality overview -> If neither is present => VSI.

3.2.S.4.4	Batch analyses	Select	
3.2.S.4.5	Justification of specification	Select	
3.2.S.5	Reference Standards or Materials	Select	Includes batch results/analysis (table) or certificate of analysis for the reference standard batch
3.2.S.6	Container Closure System	Select	
3.2.S.7	Stability		
3.2.S.7.1	Stability Summary and Conclusions	Select	
3.2.S.7.2	Post-approval stability protocol	Select	
3.2.S.7.3	Stability data	Select	
3.2.P	Drug product		
3.2.P.1	Description and composition of the drug product		Should be consistent with section 2.6.1 of the Application Form.
3.2.P.2	Pharmaceutical Development	Select	Note: it is possible that no subfolders for the sections below can be found. It might be all in one document.
3.2.P.2.1	Components of the drug product	Select	
3.2.P.2.1.	1 Drug substance	Select	
3.2.P.2.1.	2 Excipients	Select	
3.2.P.2.2	Drug product	Select	
3.2.P.2.2.	1 Formulation developments	Select	
3.2.P.2.2.	2 Overages	Select	
3.2.P.2.2.	Physicochemical & biological properties	Select	
3.2.P.2.3	Manufacturing process development	Select	
3.2.P.2.4	Container closure system	Select	

Part 2 - Quality

Check for either documents in the appropriate indent or a justification for absence has been provided in the quality overview -> If neither is present => VSI.

3.2.P.2.5 Microbiological attributes	Select	
3.2.P.2.6 Compatibility	Select	
3.2.P.3 Manufacture		
3.2.P.3.1 Manufacturer(s)	Select	
3.2.P.3.2 Batch formula	Select	
3.2.P.3.3 Description of Manufacturing Process and Process Controls	Select	
3.2.P.3.4 Controls of critical steps and intermediates	Select	
3.2.P.3.5 Process validation and / or evaluation	Select	Either process validation is described or reference is made to Module 3.2.R, where validation scheme is provided.
3.2.P.4 Control of excipients		
3.2.P.4.1 Specifications	Select	Reference to the Ph.Eur. is sufficient. If an excipient is tested according to Ph.Eur., modules 3.2.P.4.2, 3.2.P.4.3 and 3.2.P.4.4 are N/A.
3.2.P.4.2 Analytical procedures	Select	
3.2.P.4.3 Validation of analytical procedures	Select	
3.2.P.4.4 Justification of specifications	Select	
3.2.P.4.5 Excipients of human or animal origin	Select	Should be consistent with consistent with 2.6.2 of the AF and Mod. 3.2.P.4.5
3.2.P.4.6 Novel excipients	Select	
3.2.P.5 Control of drug product		
3.2.P.5.1 Specification(s)	Select	
3.2.P.5.2 Analytical procedures	Select	In 3.2.P.5.2 and 3.2.P.5.3 - for pharmacopoeial methods, reference to Ph.Eur. is sufficient.
3.2.P.5.3 Validation of Analytical Procedures	Select	Full validation reports of all methods (excluding Ph.Eur. methods) should be provided. Validation summary is not sufficient.

Part 2 - Quality

Check for either documents in the appropriate indent or a justification for absence has been provided in the quality overview -> If neither is present => VSI.

			Tagus
3.2.P.5.4	Batch analyses	Select	If there are more strengths of the product (same dosage form), batch analysis results should be presented for each strength. If any strength is missing - VSI
3.2.P.5.5	Characterisation of impurities	Select	
3.2.P.5.6	Justification of specification(s)	Select	
3.2.P.6	Reference Standards or Materials	Select	Reference to module 3.2.S.5 is sufficient.
3.2.P.7	Container Closure System	Select	
3.2.P.8	Stability		
3.2.P.8.1	Summary and conclusion	Select	Shelf-life should be proposed in 3.2.P.8.1, including in-use shelf-life (after dilution, reconstitution or first opening), if applicable. Storage conditions need to be defined. The shelf-life should be the same in Module 3.2.P.8.1 and Application Form 2.2.3.
3.2.P.8.2	Post-approval protocol and stability commitment	Select	
3.2.P.8.3	Stability data	Select	
3.2.A App	pendices		
3.2.A.1	Facilities and Equipment	Select	Only applicable to biologicals. No check required for Pharmaceuticals Applications.
3.2.A.2	Adventitious Agents Safety Evaluation	Select	In most cases only applicable to biologicals. If there are materials with TSE risk, information will be included here as well (identical to 3.2.P.4.5 and 3.2.R - TSE tables).
3.2.A.3	Excipients	Select	
Pr	gional information (for EU) rocess validation scheme for the drug product edical device information	Select	Process validation: if included in 3.2.P.3.5 only, it's acceptable. TSE tables A, B, C - to be filled in if any materials of human/animal origin were used -

Part	2 -	Qua	lity
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Check for either documents in the appropriate indent or a justification for absence has been provided in the quality overview -> If neither is present => VSI.

Certificate(s) of suitability (CEPs)	consistent with 2.6.2 of the AF and Mod.
Table A (materials of animal origin - TSE)	3.2.P.4.5.
Table B (other material of animal origin)	Lactose should be in table B.
Table C (albumin and other human tissue derived materials)	If no such materials were used, the tables don't
,	have to be included.

ASMF	Select	When ASMF procedure is not used, complete active substance information is in Part 2 or Module 3, as applicable. - If the ASMF is not used, select N/A and leave the ASMF-related boxes below blank - Presence of the ASMF is indicated in the AF 2.5.3. If the ASMF option is ticked but the ASMF is missing (not submitted) = VSI and blocking issue Applicant's part in the ASMF submission must be
		the same (incl. version and date) as the Applicant's part submitted by the applicant in the dossier for the product.
To be provided by the ASMF holder:		Note: the EMEA/ASMF/xxxxx or EU/ASMF/xxxx reference number should be included in the
ASMF dossier (Applicant's part, Restricted part, Quality Overall Summary (if CTD format) or Detailed and Critical Summary (if NtA or	Select	felerence number should be included in the following documents: • Letter of Access (Annex 2 of the ASMF
 Dir 2009/09 format), and Expert's curriculum vitae); Applicant's Part and Restricted Part are clearly identified in all documents forming part of the ASMF data, by splitting the documents into Open/closed subfolders (AP/RP folders) 	Select	Guideline); • Submission Letter and Administrative Details (Annex 3 of the ASMF Guideline) - no section
Letter of Access (Annex 2 of the <u>Guideline on Active Substance Master File Procedure</u> (EMEA/CVMP/134/02));	Select	should be deleted, if a section is not applicable, it should be left blank.
Submission Letter and Administrative Details (Annex 3 of the <u>Guideline</u> on Active Substance Master File Procedure (EMEA/CVMP/134/02)) is	Select	If not included = VSI
 provided and contains all sections as in the template; A commitment to inform the applicant and the EMA of any change in 	Calaat	Check the version history in section 4 of Submission Letter - does it make sense (i.e. are they submitting the latest version)? Procedure
the ASMF to be provided either as a separate letter or within the Letter of Access (Annex 2 of the ASMF Guideline).	Select	numbers in section 4 should be actual procedures

The ASMF follows either the VNeeS (NtA or Dir 2009/09) structure or CTD (human Common Technical Document) structure	Select	(eg, variations if applicable), not just product numbers. The technical structure of the ASMF must follow either VNeeS or CTD format as per the latest Guideline on eSubmission for Veterinary products
 To be provided by the Applicant: Copy of the Letter of Access (Annex 2 of the ASMF Guideline); Copy of the complete current version of the Applicant's Part of the ASMF or its revised sections, as applicable, in the relevant part of the dossier; The Applicant's Part of the Applicant is identical to the Applicant's Part of the ASMF holder (check it's the same version and the same cover page details) Copy of the commitment from the ASMF holder to inform the applicant and the EMA of any change in the ASMF to be provided either as a separate letter or within the Letter of Access (Annex 2 of the ASMF Guideline). 	Select Select Select Select	Letter of Access to be included in annex 5.10 of the application form. Commitment from ASMF holder to be included in annex 5.11 of the application form if it's not part of the Letter of Access. Note: the EMEA/ASMF/xxxxx or EU/ASMF/xxxx reference number should be included in the following documents: • MAA application form (in the field of the National ASMF reference number or EU ASMF reference Number as appropriate) or variation application form (in the Present and Proposed field); • Letter of Access (Annex 2 of the ASMF
		Guideline). If not included = VSI
ASMF - Restricted Part (RP) contents		The ASMF contains commercially confidential information not disclosed to the applicant. If some of the sections are missing in the ASMF but are present in the dossier for the MAA (Applicant Part (AP)) (the ASMF holder does not consider it confidential), it is fine - the information must be at least in one place in the dossier (i.e. MAA + ASMF). In the MAA (Applicant's part), either limited information or only reference to the Restricted Part (RP) is made for the contents of the sections below. Both options are fine.

		If any confidential information is missing, separate VSI to ASMF holder will be sent. For different versions of the AP (between ASMF and MAA) or any part (as whole) missing - VSI to the applicant as normal. If CTD, a correlation table indicating the correspondence between CTD sections and NtA or Dir 2009/09 structure should be provided by the ASMF holder. If not = VSI
3.2.S.2.2 Description of Manufacturing Process and Process controls (if CTD) Within part 2C1 if NtA or Dir 2009/09	Select	A brief description of the manufacturing process might be included in the applicant's part.
3.2.S.2.3 Control of materials Within part 2C1 if NtA or Dir 2009/09	Select	
3.2.S.2.4 Control of critical steps and intermediates Within part 2C1 if NtA or Dir 2009/09	Select	
3.2.S.2.5 Process validation and/or Evaluation Within part 2C1 if NtA or Dir 2009/09	Select	Only applicable for sterile products
3.2.S.2.6 Manufacturing Process Development Within part 2C1 if NtA or Dir 2009/09	Select	
Following documents present either in the RP or in the AP of the dossier		Note: It is mandatory to have them at least in one part of the dossier (restricted or open), otherwise = VSI
3.2.S.3.2 Impurities Within part 2C1 if NtA or Dir 2009/09	Select	
3.2.S.4.5 Justification of specifications Within part 2C1 if NtA or Dir 2009/09	Select	
CEP – certificate of suitability of the European Pharmacopoeia FOR THE ACTIVE SUBSTANCE (chemical and microbiological quality)	Select	Information on the active substance can be in some cases replaced by a CEP for the active substance. This certificate guarantees quality of the active substance as the Ph.Eur. quality.

Location of the CEP in the dossier	Select	Annex 5.10 and one of the following: Part 2C1: control of starting materials (active
		substance). If NtA or Annex of Directive 2009/09 formats used. 3.2.S: if CTD. Reference to Annex 5.10 within the dossier sections above is also acceptable.
		Note: if CEP is used annex 5.11 of the
		application form should be provided.
Validity of the CEP	Select	- Check the EDQM database here for validity of the CEP: https://extranet.edqm.eu/publications/recherches_ CEP.shtml - Check version number (consistent with the EDQM database)
Content of the CEP:		
Additional methods/limits	Select	Additional limits/methods (e.g. additional impurities, residual solvents) - description appended to the CEP. These are presented in the form of annexes and should be appended to the CEP. The CEP gives the information on how many lines the CEP has and how many annexes (if any) and how many pages each of these annexes have.
Re-test period	Select	Mentioned in CEP - no action Not mentioned - stability data of the active substance must be submitted: • Part 2f1 (if Dir 2009/09 structure) • Part 2g (if NtA) • modules 3.2.S.7.1, 3.2.S.7.2 and 3.2.S.7.3 (if CTD)
Declaration of access	Select	It should be completed and signed and/or stamped by the CEP holder.
Parts of Part 2 or Module 3.2.S not covered by a CEP	Select	 Manufacturers: to be provided in: 2c1, if NtA or Dir 2009/9 structure 3.2.S.2.1, if CTD. Nomenclature: If CTD: 3.2.S.1.1 - Nomenclature

Reference to CEP in the above-mentioned cases is not sufficient Note: CEPs issued on and after 15 July 2013 information on the manufacturers (quality control/in process testing sites, intermediate manufacturers, milling and sterilisation sites) will be appended to the granted CEP. For CEPs granted before 15 July 2013, this information will not be appended to the CEP and should be included in Part 2 or Module 3.2.S.2.1,
as applicable.

Part 3 - Safety and Residues tests

Check that documents/cross-reference/justification for absence have been provided in the appropriate indent -> If none present => VSI.

Part 3A Safety tests

Table of contents present, clearly indicating cross-references to part 4 (if applicable)	Select	Synthesis of tests (written summaries) to be included in Part 3.
3.A.1 Precise identification of the product and of its active substance(s)	Select	
3.A.2 Pharmacology		
3.A.2.1 Pharmacodynamics	Select	
3.A.2.2. Pharmacokinetics	Select	
3.A.3 Toxicology		
3.A.3.3 Single-Dose Toxicity	Select	
3.A.3.4 Repeat-Dose Toxicity	Select	
3.A.3.5 Tolerance in the target species	Select	
3.A.3.6 Reproductive toxicity including developmental toxicity	Select	
3.A.3.6. Study of the effects on reproduction	Select	
3.A.3.7 Study of developmental toxicity	Select	Developmental toxicity studies are not required for products intended only for use in non-breeding animals

Part 3 – Safety and Residues *tests*

Check that documents/cross-reference/justification for absence have been provided in the appropriate indent -> If none present => VSI.

3.A.3.8 Genotoxicity	Select	
3.A.3.9 Carcinogenicity	Select	
3.A.3.10 Exceptions	Select	
3.A.4 Other requirements	Select	For antibiotics, lack of this section is a validation issue.
3.A.4.1 Special studies	Select	
3.A.4.2 Observations in humans	Select	
3.A.4.3. Development of resistance and related risk in humans	Select	Data requirements described in this point are related to antibacterial substances and may not be fully applicable to other types of antimicrobial (namely antivirals, antifungals and antiprotozoals)
3.A.4.3.1 Risk assessment (for food-producing animals): 3.A.4.3.1.1 Identification of resistant bacteria 3.A.4.3.1.2 Probability of release 3.A.4.3.1.3 Probability of human exposure	Select Select Select	To check only whether Risk Assessment is included in the dossier
3.A.4.3.2 Risk to human or public health (for companion animals): 3.A.4.3.2.1 identification of resistant bacteria 3.A.4.3.2.2 Exposure of zoonotic and commensal bacteria 3.A. 4.3.2.3 Human exposure to antimicrobial resistance (AMR	Select Select Select	To check only whether Risk Assessment is included in the dossier
3.A.4.3.2.4 Environmental resistance	Select	

Part 3 – Safety and Residues *tests*

Check that documents/cross-reference/justification for absence have been provided in the appropriate indent -> If none present => VSI.

3.A.5	User safety	Select	
3.A.6	Environmental risk assessment		
3.A.6.1.	Environmental risk assessment of veterinary medicinal products not containing or consisting of genetically modified organisms (GMOs) 1 Phase I - Potential exposure of the environment and level of risk 2 Phase II - Fate and effects of the product on particular ecosystems	Select Select	
3.A.6.2	Environmental risk assessment for veterinary medicinal products containing or consisting of genetically modified organisms (GMOs)	Select	Only applicable to GMO products. The information is presented in accordance with the provisions of Directive 2001/18/EC, taking into account guidance published by the Commission. Documents to be present in the dossier: - a copy of the written consent of the competent authorities to the deliberate release into the environment of the genetically modified organisms for research and development purposes - the complete technical file supplying the information required under Annexes III and IV to Directive 2001/18/EC; - the environmental risk assessment the results of any investigations performed for the purposes of research or development
Part 3	B Residues	Select	Only applicable to food-producing species
3.B.1. I	dentification of the product	Select	
3.B.2. D	Pepletion of residues (Metabolism and residue kinetics)	Select	
3.B.3	Residue analytical method	Select	

Part	4 -Efficacy			
Check that documents/cross-reference/justification for absence have been provided in the appropriate indent -> If none present => VSI.				
Table of contents present, clearly indicating cross-references to part 3 (if applicable)	Select	Synthesis of tests (written summaries) to be included in Part 4.		
Part 4.A.1 Pre-clinical Documentation				
4.A.1. Pharmacology	Select			
4.A.1.1 Pharmacodynamics (for each target species)	Select			
4.A.1.2 Pharmacokinetics (for each target species)	Select			
Bioequivalence study (if required)	Select			
4.A.2 Development of resistance and related risk in animals (if applicable)	Select	Only relevant for antimicrobial or antiparasitic products		
4.A.3. Dose determination and confirmation	Select	Dose confirmation studies conducted under field conditions might be submitted in part 4B but should be hyperlinked to this section		
4.A.4 Tolerance in the target animal species	Select			
Part 4. B Clinical trials 4.B.2.1 Results of pre- clinical trials	T			
4.b.2.1 Results of clinical trials	Select			
	Select			
Part Check that documents/cross-reference/justification for absence has	4 -Efficacy	ovided in the appropriate indent -> If none present => VSI.		
Table of contents present, clearly indicating cross-references to part 3 (if applicable)	Select			
Part 4.1 Pre-clinical Documentation				
A. Pharmacology	Select			

	Part 4 –Efficacy				
Che	ck that documents/cross-reference/justification for absen	ce have been provide	d in the appropriate indent -> If none present => VSI.		
A.1	Pharmacodynamics (for each target species)	Select			
A.2	Development resistance (if applicable)	Select			
A.3	Pharmacokinetics (for each target species)	Select			
	Bioequivalence study (if required)	Select			
В.	Tolerance in the target species	Select			
Part	Part 4.2 Clinical Documentation				
	Dose determination (for each target species)	Select			
	Dose confirmation (for each target species)	Select			
	Field studies (for each target species, indication and pharmaceutical form)	Select			