

Role and functions of OMCL/CA in performing OCABR

Gábor Kulcsár

National Food Chain Safety Office Directorate of Veterinary Medicinal Products Hungary

> EDQM Training Session 29 October 2019







Legal framework	 Official Control Authority Batch Release of certain IVMPs may be required by Member States as specified under Article 82 of EU Directive 2001/82/EC as amended by Directive 2004/28/EC:
	 "Where it considers it necessary for reasons of human or animal health, a Member State may require the marketing authorisation holder for an immunological veterinary medicinal product to submit samples of batches of the bulk product and/or veterinary medicinal product for control by an Official Medicines Control Laboratory before the product is put into circulation." • EU/EEA Member States + Switzerland (Mutual Recognition Agreement)
ູກébîh	OCABR

Principles	 may clause - Art 82 is an option for MSs shortlist of IVMPs for which Art 82 may be applied restricted test sheme mutual recognition of test results and certificates
ູກébîh	OCABR

		OCABR performed	OCABR required
Member States	Belgium	yes	yes
performing and	Czech Republic	yes	yes
requiring OCABR	Finland	yes	yes
	France	yes	yes
	Germany	yes	yes
	Hungary	yes	yes
	Poland	yes	yes
	Romania	yes	yes
	Slovak Republic	yes	no
	Switzerland	yes	yes
	Slovenia	no	yes
₅ébîh		OCABR	

I

Principles	 <i>may</i> clause - Art 82 is an option for MSs shortlist of IVMPs for which Art 82 may be applied restricted test sheme mutual recognition of test results and certificates
، nébîh	OCABR



Principles	 <i>may</i> clause - Art 82 is an option for MSs shortlist of IVMPs for which Art 82 may be applied restricted test sheme mutual recognition of test results and certificates
" ébih	OCABR

	• inactivated vaccines:
	appearance
Restricted test scheme	• potency
	• live vaccines:
	• appearance
	• solubility
	virus titre or live bacteria count
	 test for Pestiviruses or for extraneous microorganisms
	• purity
	• identity
	• <i>in vivo</i> diagnostics:
	appearance
	sensitizing effect
	• potency
ູກébỉh	OCABR





Practical aspects	 first step: examination of the batch protocol from the manufacturer
	 (OBPR certificate can be replaced by an OCABR certificate)
	• OCABR is a 60 days procedure
	batch release certificate
	 the results of the re-testing comply with the approved specifications for that given IVMP as laid down in the relevant marketing authorisation dossier
	non-compliance certificate
	 the batch may not be placed on the market and the network is notified
	 To facilitate the recognition of certificates throughout the EU a Marketing Information Form should also be provided to the CA/OMCL when submitting an OCABR certificate.
ູກébîh	OCABR

Time limited OCABR	 Individual products (manufacturer specific) from categories not on the restricted list may require OCABR due to specific circumstances testing of additional parameters of products on the short list A list of justified tests to be repeated may also be established for products not falling under the restricted list of products but considered to be subject to re-testing for specific reasons of human and animal health and information about an agreement on such tests should be ensured via the OMCL network. (EU Commission Recommendation, 20 March 2007) Should be exceptional and limited in time
ŋébîh	OCABR: special procedures

Time limited OCABR (cont.)	 Examples of relevant reasons for time restricted OCABR new licensing application accepted with reduced pre-approval criteria for reasons of special need IVMPs used in new official eradication programs VMPs from a manufacturer demonstrated to have difficulties to meet the specifications
	 IVMPs that have been subject to recent rapid information within the EDQM/OMCL-network and/or rapid alert within the inspector's or pharmacovigilance network
	 IVMPs where the recent GMP inspections on the production site found deficiencies with impact on the product quality
	 IVMPs subject to variations, which cover major changes in production and performance and/or character of tests used for in process and/or final product control
ŋébîh	OCABR: special procedures

To suspend OCABR for a specific product	 OCABR testing may be reduced or removed in some cases for specific products if there was a demonstration of good consistency and quality of the product and reliability of the test methods used by the manufacturer (EU Commission Recommendation, 20 March 2007) products, which do not fall in a risk category considered unacceptable by the VBRN evidence from past batches suggests that future batches produced and tested in the same way would be acceptable in case a positive decision, the product will no longer undergo OCABR, but may still be subject to OBPR will be monitored continuously
nébîh	OCABR: special procedures

Г



And some other important points	 permanent discussion with manufacturers effective communication and interaction between different authority branches
	 marketing authorisation and variation dossiers should be available for OMCLs
	 results of GMP inspection should be available to the licensing a authorities and OMCLs
	 inspectors should communicate the inspection data to licensing authorities and OMCLs
	 OMCLs should inform assessors and inspectors on all quality problems, they detected
ູກébih	OCABR: effective functioning

Advantages of the system	 a well established system at European level predictable, testing the same batch in multiple MSs is avoided the technical and scientific capacity of the independent laboratory network are important elements of the regulatory system: complement GMP inspections and marketing authorisations
	 independent testing increases confidence in IVMPs
	• EU certificates provide a quality label for the EU and beyond
	 product defects, trend changes, etc. can be found before the product enters the market, which may prevent post marketing withdrawal
	 expertise in experimental testing contributes to preparedness for crisis situations
ູລébỉh	Authority batch release





THE STARTING POINT FOR MAHS...

The Competent Authority (CA) of the Member State (MS) « A » informs the Marketing Authorization Holder (MAH) that OBPR (Official Batch Protocol Review / article 81) or OCABR (Official Control Authority Batch Release / article 82) is required for one of its Immunological Veterinary Medicinal Products (IVMP)

THE MODEL LETTER TEMPLATE

Competent Authorities use the template for a model letter to notify MAH of this requirement :

Annex I of the Administrative Procedure for OBPR / Article 81

https://www.edqm.eu/medias/fichiers/procedure_article_81.zip

 Annex II of the Administrative Procedure for OCABR / Article 82 https://www.edqm.eu/sites/default/files/procedure_article_821.zip

CONTENT OF THE MODEL LETTER TEMPLATE

•The letter specifies :

- the name of the requesting Competent Authority
- the name of the IVMP for which OBPR or OCABR is requested
- The letter requests that :
- for any given batch the MAH should apply for OBPR or OCABR to only one CA within the EU (European Union) / EEA (European Economic Area)
- the batch control documentation included in the application should be signed by the responsible Qualified Person as fixed in the marketing authorisation

CONTENT OF THE MODEL LETTER TEMPLATE

• The letter recommends that model protocols available on the EDQM (European Directory for Quality of Medicines) website are used to present batch information

• The letter communicates standard timelines and mentions fees are due

OCABR : 60 days OBPR : 15 working days

• The letter confirms that releasing the concerned batch of IVMP on the market is subject to satisfactory OBPR or OCABR



OBPR: WHAT DOCUMENTATION?

Model format protocol templates are available to help harmonize protocol submission.

A given protocol may differ in detail from the model : the essential point is that all relevant details demonstrating compliance with the Marketing Authorization and the Ph. Eur. monograph(s) (where existing) be given in the protocol.

OBPR: WHAT DOCUMENTATION?

Model protocol templates exist for :

- Inactivated Bacterial vaccines
- Live Bacterial vaccines
- Inactivated Viral vaccines
- Live Viral vaccines
- Tuberculin PPD / Brucelin preparations

They are available at : <u>https://www.edqm.eu/en/guidelines-eu-ocabr-ivmps</u>





OCABR: FOR WHICH PRODUCTS?

Short list of IVMPs for which a restricted	Exempted	Relevant guideline(s) (PA/PH/OMCL
test list for OMCLs has been defined	Categories)
Brucellin Preparations	none	(04) 119 DEF 2CORR
IVMP's against Aujeszky's Disease	none	(03) 7 DEF 2CORR & (03) 8 DEF 2CORR
IVMPs against Brucellosis	none	(03) 23 DEF 2CORR
IVMPs against Equine Influenza	none	(04) 4 DEF 2CORR & (14) 81 R
IVMPs against Infectious Bovine		
Rhinotracheitis	none	(03) 9 DEF 2CORR & (03) 6 DEF 2CORR
IVMPs against Newcastle Disease	none	(02) 3 DEF 2CORR & (02) 4 DEF 2CORR
IVMPs against Rabies	none	(11) 209 DEF 2CORR & (04) 05 DEF 2CORR
IVMPs against Swine Erysipelas	Inactivated vaccine	(03) 10 DEF 2CORR
Tuberculin PPD, Avian	none	(14) 126 DEF
Tuberculin PPD, Bovine	none	(14) 125 DEF

OCABR: FOR WHICH PRODUCTS?

Under special circumstances, a CA can also request short-term OCABR testing for another IVMP, if technically warranted.

OCABR: WHAT TESTS?

Product Specific Technical Guidelines list tests that can be performed by OMCL (Official Medicines Control Laboratories) involved in OCABR on « short listed » products

These Guidelines are also available on EDQM's website : <u>https://www.edqm.eu/en/guidelines-eu-ocabr-ivmps</u>

EXAMPLE OF PRODUCT SPECIFIC TECHNICAL GUIDELINE

EU Official Control Authority Batch Release

Immunological Veterinary Medicinal Products

Guideline for Newcastle Disease Vaccine (inactivated) oil emulsion

ed m C

This version in force from 1 January 2013 Replacing version in force from 1 May 2012

OFFICIAL CONTROL AUTHORITY BATCH RELEASE OF NEWCASTLE DISEASE VACCINE (INACTIVATED) OIL EMULSION

OMCLs performing batch release on this product should receive a completed signed protocol from the MAH (model template available separately on the EDQM website (www.edqm.eu)) and the required samples.

The licensing authority provides the OMCL with all necessary data from the quality part of the dossier such as relevant Pharmacopoeta monographs, list of tests to be performed on each batch and the SOPs as presented in the dossier.

1 INTRODUCTION

Official Control Authority Batch Release of immunological products for veterinary use is performed within the framework of Article \$2 of Directive 2001/82/EC as amended by Directive 2004/28/EC and following the current EU Administrative Procedure for Application of Article \$2 for Official Control Authority Batch Release of Immunological Veterinary Medicinal Products.

The Ph Eur monograph 0870 is relevant for this product.

2 SAMPLING AND TESTS TO BE PERFORMED BY THE OFFICIAL CONTROL LABORATORY

The following samples should be supplied to the Official Medicines Control Laboratory performing batch release:

At least 5 containers of each final lot.

The Control Laboratory should perform the following tests:

Appearance

 Potency - Potency testing is done on the first batch from a final bulk and then all other batches derived from that same bulk shall not be re-tested.



IN WHICH COUNTRY?

all EU Member States, EEA partners (Iceland and Norway) and MRA partners (e.g. Switzerland) may participate

The final decision on applying article 81 or article 82 remains with the Member States as described under « step 1 » of the administrative procedures (« the letter »)

IN WHICH COUNTRY (CONTINUED)?

VBRN OMCLs able to provide OCABR Certificates List updated 03/07/2019¹

Products on the Restricted List²

A list of OMCL able to deliver OCABR is available :

https://www.edqm.eu/sites/default/files/medias /fichiers/OMCL/veterinary_batch_release_netwo rk_list_of_omcls_able_to_provide_ocabr_certific ates_august_2019.pdf

As well as a contact list for the network of competent authorities for the IVMP :

https://www.edqm.eu/sites/default/files/weban nex_iv_contact_list_18-04-2019.pdf

Product Group	Member State
Aujeszky's Disease vaccine (live)	Belgium, Germany, Hungary , Romania
Aujeszky's Disease vaccine (inactivated)	Hungary
Equine influenza vaccine (live recombinant)	Germany, Hungary
Equine influenza vaccine (inactivated)	Czech Republic, Germany, Hungary, Switzerland
Infectious Bovine Rhinotracheitis Vaccine (live)	Belgium, Germany, Hungary, Romania
Infectious Bovine Rhinotracheitis Vaccine (inactivated)	Belgium, Germany, Hungary
Newcastle Disease Vaccine (live)	Belgium, Czech Republic, Germany, Hungary, Romania, Słovak Republic
Newcastle Disease Vaccine (inactivated)	Belgium (La Sota strain only), Czech Republic, Germany (* for HI) Hungary, Slovak Republic
Rabies Vaccine (live)	Czech Republic, Finland, France, Germany, Hungary, Switzerland, Romania, Poland
Rables Vaccine (live recombinant)	France, Germany, Hungary
Rabies vaccine (inactivated)	Belgium, Czech Republic, France, Germany, Hungary, Switzerland
Swine Erysipelas Vaccine (live)	Czech Republic, Germany
Tuberculin PPD avian	Hungary
Tuberculin PPD bovine	Germany, Hungary

IN WHICH COUNTRY (CONTINUED)?

Example of requirements for a vaccine production site :

Country	Requires OBPR for	Requires OCABR for	
Portugal	All vaccines	None	
UK	All vaccines except 1	1 rabies vaccine	
Finland	All vaccines except 1	1 rabies vaccine	
Austria			
Belgium			
Croatia			
Germany	All vaccines except short listed	Short list vaccinos	
Hungary			
Poland			
Slovénie			
Switzerland			
Bulgaria			
Czeck R.	None	All rabies vaccines	
France			
Serbia		All rabies & Newcastle disease vaccines	
Spain	6 specific vaccines	None	
Romania	Vaccines against rabies and blue tongue	Newcastle disease vaccines	
ti (1) 🛧 😵	& Ω	Boehringer Ingelheim	



ROLE AND FUNCTION OF MAH

When the MAH receives the letter notifying that OCABR or OBPR is required for a given IVMP, it should consider this a release requirement for this IVMP in the country and reorganize release operations accordingly.

Appropriate communication within the MAH's organization is necessary to make sure that this new requirement is communicated

- from those who receive the letter (Regulatory Affairs of MAH)
- to those who are in charge of releasing IVMP batches (Quality Assurance)
- but also to local RA/QA and to supply chain

The organization of this activity of obtaining OCABR / OBPR certificates should be described in Standard Operating Procedures (SOPs).

\$\$ \$\$ \$ \$ \$\$ \$



- Clearly identify which IVMP require OBPR and/or OCABR for which country
- Decide from which OMCL OCABR will requested (technical knowledge & expertise, delays, established relationship...)
- Specify documents / samples to be included in applications (considering specificities that exist at national level)
- Ensure that batches of IVMP that require OBPR or OCABR cannot be released to a given market before the required certificate is received from the Competent Authority (CA) of this market.
- Ensure that requests for OBPR/OCABR are submitted to a country that holds an MA for the IVMP.
- As far as possible, ensure that only one application is submitted for a given batch

ROLE AND FUNCTION OF MAH

- « Phase 1 »:
- Apply for European Release to the chosen CA / OMCL that will examine the batch documentation provided by the MAH (OBPR and OCABR) and perform testing (OCABR only) and issue an OBPR or OCABR certificate of approval (if satisfactory)
- This original certificate allows to market the given batch in the country of the issuing CA / OMCL

ROLE AND FUNCTION OF MAH

« Phase 2 »:

- Provide this original certificate and the batch traceability (Marketing Information Form or equivalent) to CA/OMCL of other countries that also require OCABR/OBPR for this IVMP and need to be supplied with « sister » batches
- The recognition of the original certificate allows to market « sister » batches in countries where the original certificate has been recognized by relevant CA / OMCL



OBPR PROCEDURE (« PHASE 1 »)

MAH provides the complete EBRP for the batch, signed by the responsible QP, to **a** CA or officially designated OMCL in country "A".

Notification of results should occur within **15 working days** of receipt of the completed signed protocol and any fees where required.

OBPR PROCEDURE (« PHASE 1 », CONTINUED)

If a batch has been shown to comply with all of the specifications of the marketing authorisation and is thus satisfactory for approval, the Competent Authority in country "A" will prepare an Official Batch Protocol Review Certificate of Approval.

Upon the receipt of the EU/EEA OBPR certificate of approval, the MAH may consider that it has permission to place the given batch on the market in country "A".

OBPR PROCEDURE (« PHASE 2 »)

If the MAH wishes to market in country B, where the IVMP is authorised and OBPR is required by CA, a commercial batch issued from the same final lot. MAH shall provide to the designated contact in country "B":

- a copy of the given OBPR Certificate
- documented information necessary to ensure the traceability of the commercial batch to be put on the market in Member State "B" to the to the final lot described in the OBPR already delivered.
- A Marketing Information Form (MIF) or equivalent

OBPR PROCEDURE (« PHASE 2 », CONTINUED)

In this phase 2, the Marketing Information Form (MIF) is used to:

- Identify clearly the commercial batch to be marketed
- Link commercial batch to the relevant OBPR and to the final lot/ bulk numbers that appear on the certificate.
- State the number of containers for which marketing is requested.
- Confirm that all the specifications in the marketing authorisation where the batch is to be marketed are met, even if they differ from those in force in the OMCL/CA where the batch release certificate was granted.

Link to the Marketing Information Form : <u>https://www.edqm.eu/sites/default/files/marketing_information_form.zip</u>

OBPR PROCEDURE (« PHASE 2 », CONTINUED)

The contact in Member State B informs the MAH of the procedure for recognition of the OBPR certificate in their Member State. The procedure should be completed in a maximum of **7 working days**.



OCABR PROCEDURE (« PHASE 1 »)

For any given batch of IVMP, only one request for testing and OCABR certificate should be submitted.

If a batch has been shown to comply with the specifications of the marketing authorisation and is thus satisfactory for release, the Competent Authority or the officially designated OMCL will prepare an OCABR certificate.

The CA or the OMCL communicates the results of the tests within **60 days** of receipt, of the samples together with the signed and complete MAH control protocols.

OCABR PROCEDURE (« PHASE 1 », CONTINUED)

Provided the batch in question is acceptable, the MAH should receive a EU/EEA OCABR certificate from the Competent Authority of the Member State "A" that performed OCABR testing.

Upon the receipt of this certificate, the MAH may consider that it has permission to place the given batch on the market in Member State "A".













PRACTICAL DIFFICULTIES

Variability in requirements amongst countries and products => this activity is complex and keeping a description of requirements per country and product is necessary.

Differences also exist in practicalities :

- documents to be submitted,
- Specification about number of units
- samples,
- prefered method of sending requests,
- contacts) and such may vary a lot more in time.

Defining how fees are paid.

DIFFICULTIES PROCESS DESIGN

Ensuring that one batch is not submitted to more than one CA/OMCL needs a specific monitoring

... and in some cases is not possible

Manufacturing sites, when they have a global overview of what batch is packed for which market, might in a better position than local affiliates to coordinate the system.... But local affiliates have a better chance of establishing a solid working relationship with the competent autorities, as it avoids cultural or language bias.

DIFFICULTIES (SMALL/SPECIFIC MARKET)

- Some CA require OBPRs but no OMCL in the country can deliver it => OBPR must be requested to an OMCL in another country
- However the IVMP must be licensed in said country market for it to be able to deliver an OBPR

=> May become a problem for IVMP with small/specific markets

DELAYS

Obtaining OCABR / OBPR significantly impacts leadtimes : these additional delays must be built in the planning of production to avoid delays in product availability

Theoritical delays:

- OBPR : « notification of results should occur within 15 working days of receipt of the completed signed protocol and any fees where required »
- OCABR: « the CA shall notify the MAH of the results of the tests within 60 days of receipt of the samples together with the signed and complete control protocols »
- Recognition of an existing OCABR or OBPR certificate « should be completed in a maximum of 7 working days »



MAKING SENSE IN DAY TO DAY LIFE?

Most MAH personnel still do not know OBPR / OCABR procedures. Even less understand them. Most frequent questions I've encountered concern

Can we reduce delays ?

Redundancy of OMCL control vs MAH control (for OCABR) ?

Contents of article 82 short list?

Changes in article 82 short list?

Why do we need a local (MS) approach ? Could we simplify ?

\$\$ \$\$ \$ \$ \$











































THE EUROPEAN DIRECTORATE FOR THE QUALITY OF MEDICINES & HEALTHCARE (EDQM)





OMCL Batch Release of IVMPs EDQM Workshop Strasbourg, 29-30 Oct 2019

EDQM Biological Standardisation Programme Contributions to the Quality Control of IVMPs

> Dr Michael Wierer, Head of Medicines Division, DBO, EDQM, Council of Europe







Scope: Biologicals		
 Biotech products Vaccines, sera, human use (Ph. Eur. Expert Groups 15) Vaccines, sera, vet. use (Ph. Eur. Expert Groups 15 V) Blood products, contaminants Allergens 		
6 ©2019 EDQM, Council of Europe. All rights reserved.	Language Construct Structure angularer of the Darking in the standard of the Constructure of the structure o	





Method of Work (1)

- Proposal for new standard/method (e.g. Expert Group, OMCL)
- Decision by Steering Committee
- Start BSP project including collaborative study
- Approval of report by BSP SC, Group of Experts
- Adoption by Ph. Eur. Commission (for standards)
- Publication in Pharmeuropa-Bio & SN

9 ©2019 EDQM, Council of Europe. All rights reserved.



edom

BSP does not do Method validation outside QC field Method development from scratch Complete validation for individual products Method validation for single products or single manufacturers







Reference Standards

- Status & use of standards
- Established IVMP standards
- Monitoring of suitability
- Dissemination of information

15 ©2019 EDQM, Council of Europe. All rights reserved.



edom

Use of Reference Standards
 Identification tests (e.g. hormones) System suitability tests Assays (immunogenicity, challenge,) Reference preparations Challenge strains Antisera Limit tests Reagents (BRRs)
 Calibration of in-bouse standards
17 ©2019 EDQM, Council of Europe. All rights reserved.

Examples IVMP Standards
 Vaccines Newcastle Disease, rabies Antisera Clostridia (rabbit and GP (tetani), rabbit (multi-component),
 equine flu (against 5 different subtypes) Challenge strains Envice las (2)
 Contaminants Mycoplasma (5 strains);
 Reagents Erysipelas ELISA coating antigen
18 ©2019 EDQM, Council of Europe. All rights reserved.







BRP Leaflet	
<image/> <image/> <image/> <image/> <image/> <text><text><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><text><text><text><text><text><text></text></text></text></text></text></text></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></text></text>	<section-header><section-header><section-header><text><text><text><text><text><list-item><list-item><list-item><list-item><section-header><list-item><list-item><list-item><list-item><list-item><section-header><text><text><text><text><text><text><text></text></text></text></text></text></text></text></section-header></list-item></list-item></list-item></list-item></list-item></section-header></list-item></list-item></list-item></list-item></text></text></text></text></text></section-header></section-header></section-header>
22 ©2019 EDQM, Council of Europe. All rights reserved.	

Batch Validity Statement		
2003 Inter	edom	
	BATCH VALIDITY STATEMENT EUROPEAN PHARMACOPOELN REFERENCE STANDARDS (CRS) & (BRP) This Bache Walded Statement has to be used by conjunction with Ph. Eur. general chapter 01/2008.51200 Reference Standards.	
European Directionate for the Owality of M Ponta address 7: Aller Kature CS 30026 Phane31 302 43 1-3 30 Fax33 0(3) 88 41 27 71 Internet : <u>http://www.clean.es</u>	slustes & HealbCare (EDQM) – Couzel of Europe - 67081 STRASBOURG (France)	
Name	Newrastle Disease Varrine (Inartivated) RBP	
Catalogue o	>de Y0000388	
Batch numb		
Assigned va Validity	ue n/a Ratch 1 is valid at the printiped date: 2014.4.29	
Storage	The standard is intended for immediate use.	
conditions	Recommended EDQM storage conditions for unopened containers : -20°C ± 5°C Endeth Data Etherit is unable from the data data data is unan consumer to	
Sarety data	satesy use sneet is available from the decaded view of upon request. Click on the hyperlink to download the leafte containing the instructions for use, if available (Adobe Acrobat Reader version 5 or higher, or the corresponding browser plug-in is needed to	
Leaflet	open the file) click to download the leaflet	
	Sub-succession and the same batches is a set of the same batches of back material. Netter: the previous classification of the sub-batches Ia, Ib, ic cull by gradually replaced with 1.1, 12, 1.3 etc. The sub-succession of the sub-succession of the date of printings : 2014-4-29 Ingention The Count of Super State (State on the sub-succession of the print on the sub-sub-sub-sub-sub-sub-sub-sub-sub-sub-	
23 ©2019 EDQM, Council of Europe. All rig	hts reserved.	However To have a ready of the total of the



