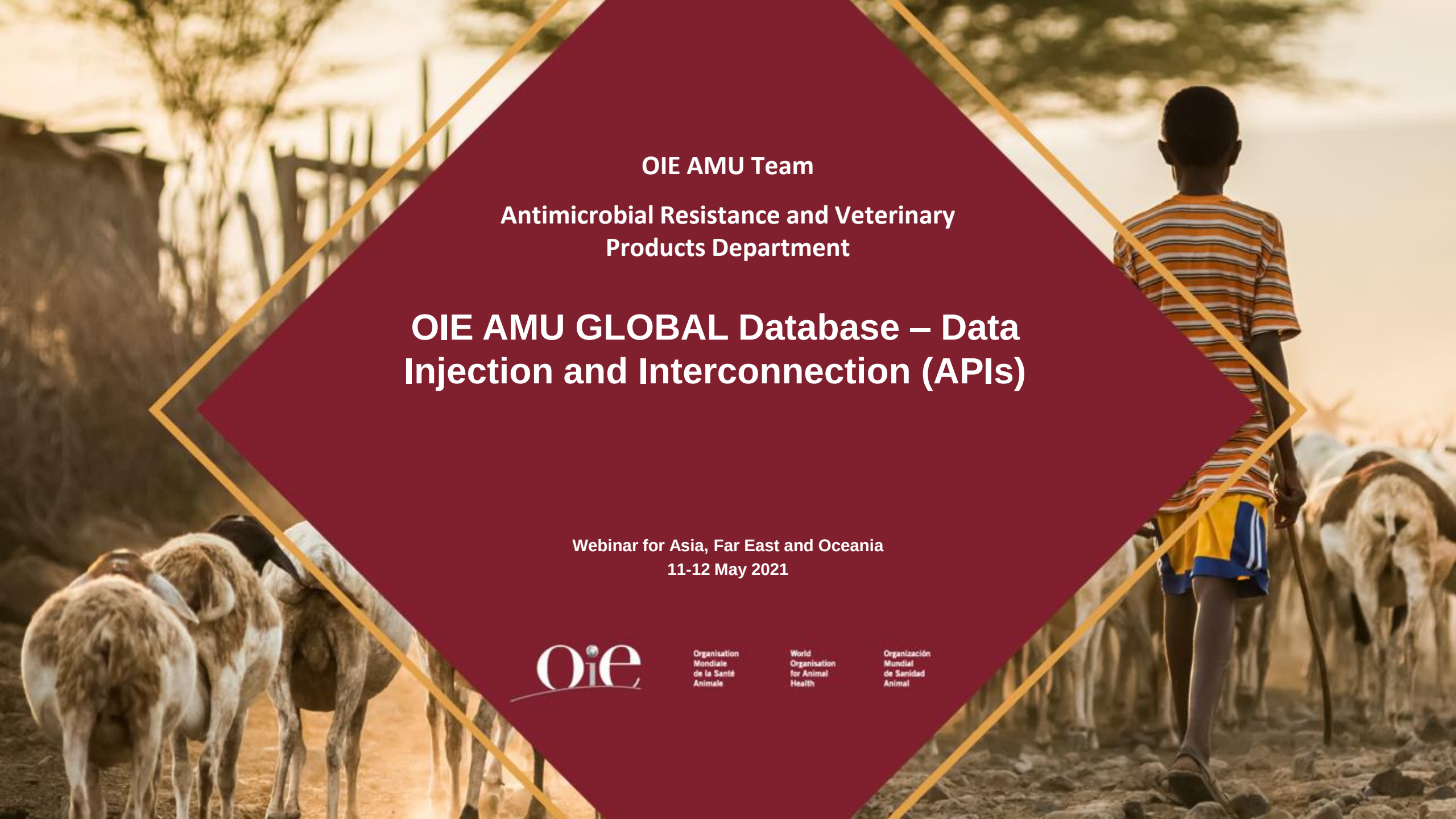

OIE AMU Team

Antimicrobial Resistance and Veterinary Products Department

OIE AMU GLOBAL Database – Data Injection and Interconnection (APIs)

Webinar for Asia, Far East and Oceania
11-12 May 2021

Organisation Mondiale de la Santé Animale
World Organisation for Animal Health
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OIE-AMU Global Database – Key Definitions

System

A computer-based software designed for processing electronic information (this is different from Excel)

Excel

Microsoft Excel spreadsheet that organizes numbers and data with formulas and functions

.CSV format

Text file similar to Excel that allows data to be saved in a table structured format

OIE-AMU Global Database – Key Definitions

Offline

Working while not directly connected to the OIE AMU Global Database
✓OIE Template may be completed offline

Data Injection

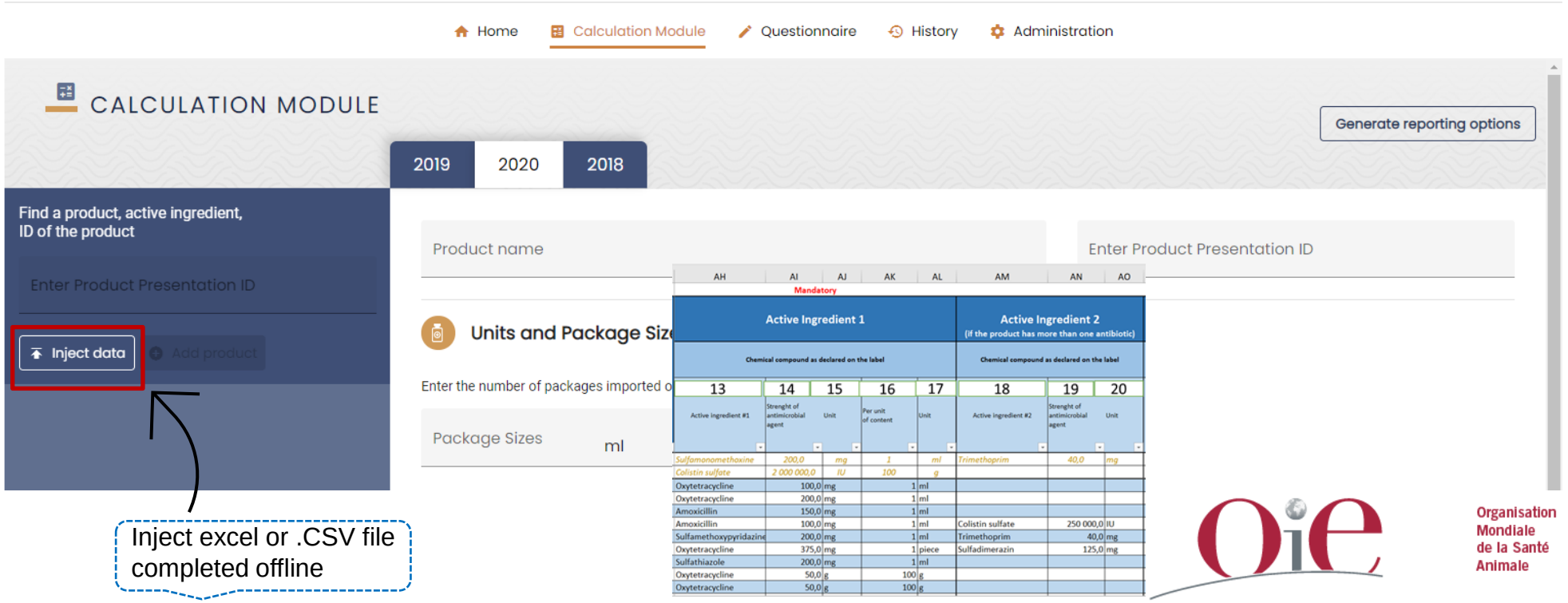
Data upload from an external source such as Excel or .CVS file completed offline.
✓Injection of the OIE Template completed offline

Application Programming Interface (API)

Ability to directly connect country systems with the OIE-AMU Global Database System
✓Country systems must comply to structure or required fields in OIE-AMU Global Database System

Data Injection

- DATA INJECTION: Possibility to input data via file injection (the OIE Questionnaire or antimicrobial quantities). The system allows the user to download the form in xlsx. format to allow offline work. The data will be automatically populated and available for review by the user prior to submission.



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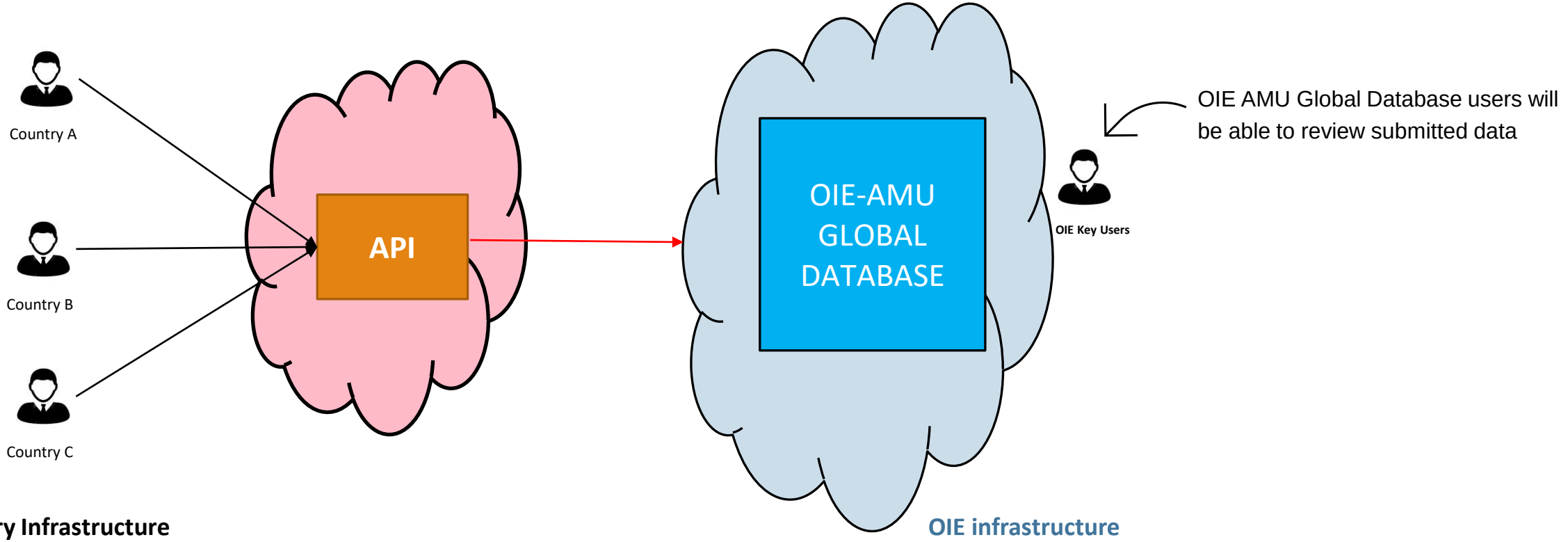
Interconnection - Application Programming Interface (API)

- **API** (**A**pplication **P**rogramming **I**nterface): allows national systems to connect directly with the OIE AMU Global System. APIs will be possible only for product level data. The data from national systems will need to be structured as requested in the **OIE Calculation Tool**.



NB: Country systems must conform to the structure defined by the OIE AMU Global Database

Interconnection – Proposed API structure

Country systems must conform to the structure of OIE Calculation tool

Do not change		Optional	Optional	Mandatory	Mandatory	Optional	Optional																										
Nº Ref.	OIE ID (this ID will be used to provide you with product's baseline information for future rounds)	Data Source Used	ID Product Presentation	Product name	Please indicate the purpose of the product, according to its label declaration. (Medical use includes prevention of clinical signs)	Route of administration, according to its label declaration	Please indicate the Animals covered by the product																										
							Bovine	Swine	Sheep	Goats	Poultry	Camelidae	Equidae	Rabbits	Bees - Honey	Reptiles	Fish - Undefined	Fish - Carp	Fish - Salmon or Trout	Fish - Tilapia	Fish - Catfish	Fish - Marine	Crustaceans - Prawn/shrimp	Molluscs	Amphibians	Canines	Felines	Ornamental fish
0		Imports	ASFR-20156	Example 1	Vet. Medical use	Injection																				Yes		
0		Manufacture/Produ	ASFR-20157	Example 2	Growth promotion	Oral			Yes				Yes															

Mandatory		Mandatory								
		Active Ingredient 1					Active Ingredient 2 (if the product has more than one antibiotic)			
		Chemical compound as declared on the label					Chemical compound as declared on the label			
Package size	Package size unit	Active ingredient #1	Strenght of antimicrobial agent	Unit	Per unit of content	Unit	Active ingredient #2	Strenght of antimicrobial agent	Unit	
100	ml	Sulfamonomethoxine	200.0	mg	1	ml	Trimethoprim	40.0	mg	
25	kg	Colistin sulfate	2,000,000.0	IU	100	g				

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Thank you for your attention!

For more information, contact the AMU Team at antimicrobialuse@oie.int

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