

ANIMAL DRUG RESIDUE TESTING, MONITORING, AND MANAGEMENT IN TAIWAN

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**BUREAU OF ANIMAL AND PLANT HEALTH
INSPECTION AND QUARANTINE,
COUNCIL OF AGRICULTURE, EXECUTIVE YUAN**

Competent Authority of Animal Drug Residue in Taiwan



Farms

Bidding Auction

Slaughterhouses

Consumers

Food industry

Food imported



Agriculture Authority

- Veterinary Drugs Control Act
- Animal drug license
- Monitoring animal drug residue on farms
- Education and management of farmers



Health and Welfare Authority

- Act Governing Food Safety and Sanitation
- Standards for animal drug residue limits in food
- Monitoring animal drug residue of the food industry

*FDA: Food and Drug Administration



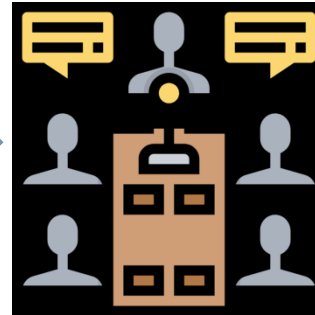
Monitoring Procedure for Animal Drug Residue on Farms



Collecting data about
Past Non-eligible Rate,
Toxicology etc.



Drawing up a plan
Refers to Blue Book from the United
States Department of Agriculture
Food Safety and Inspection Service



Expert meeting



BAPHIQ
(Central competent authority
for animal drugs)



Technical Service Center, NAIF
tests for animal drug residue



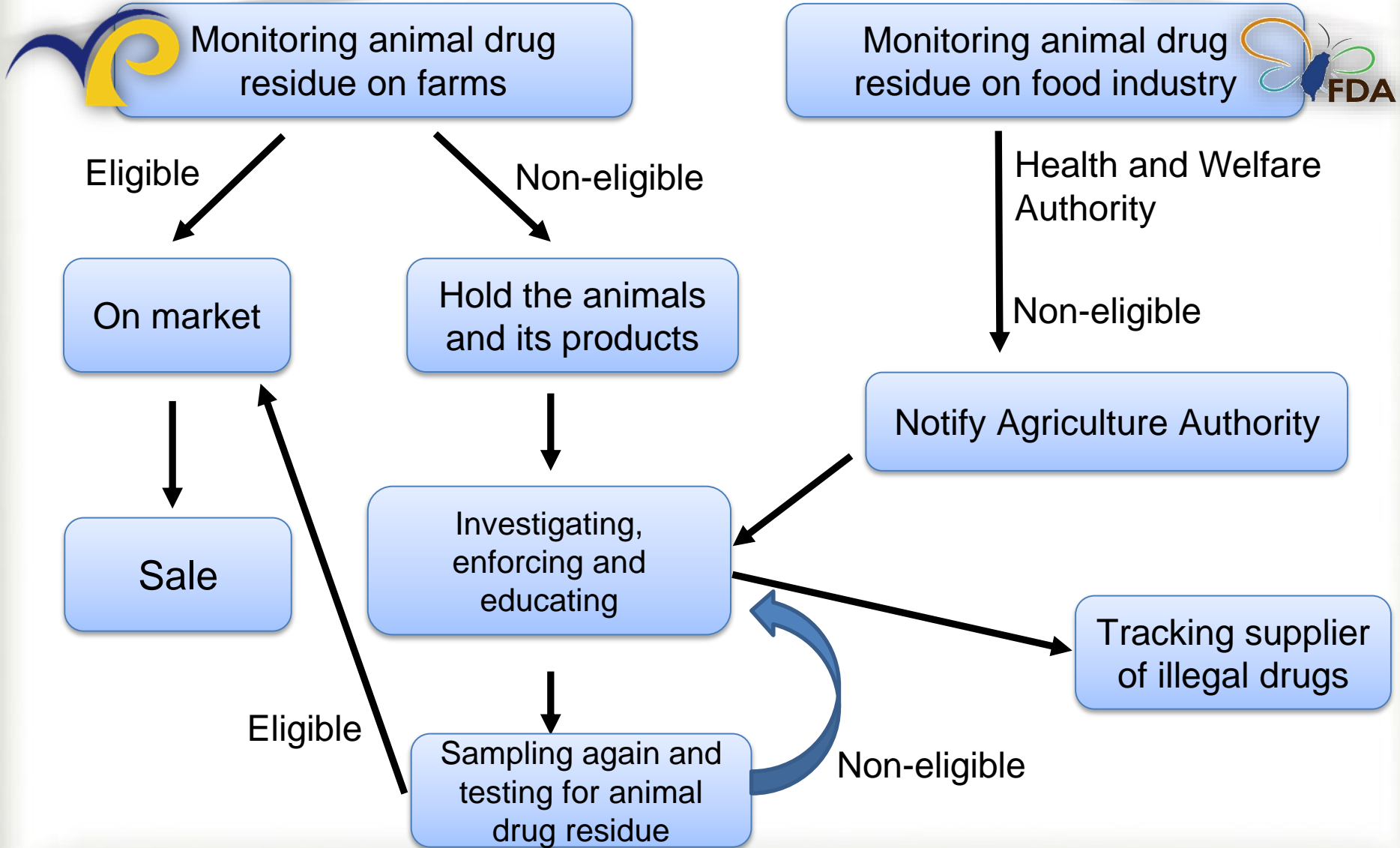
Sampling on farms
(livestock serum,
swine hair, poultry
meat, milk, and eggs)



**Each local competent authority
and third party (National animal
Industry Foundation, NAIF)**



Operation Procedure for Animal Drug Residue



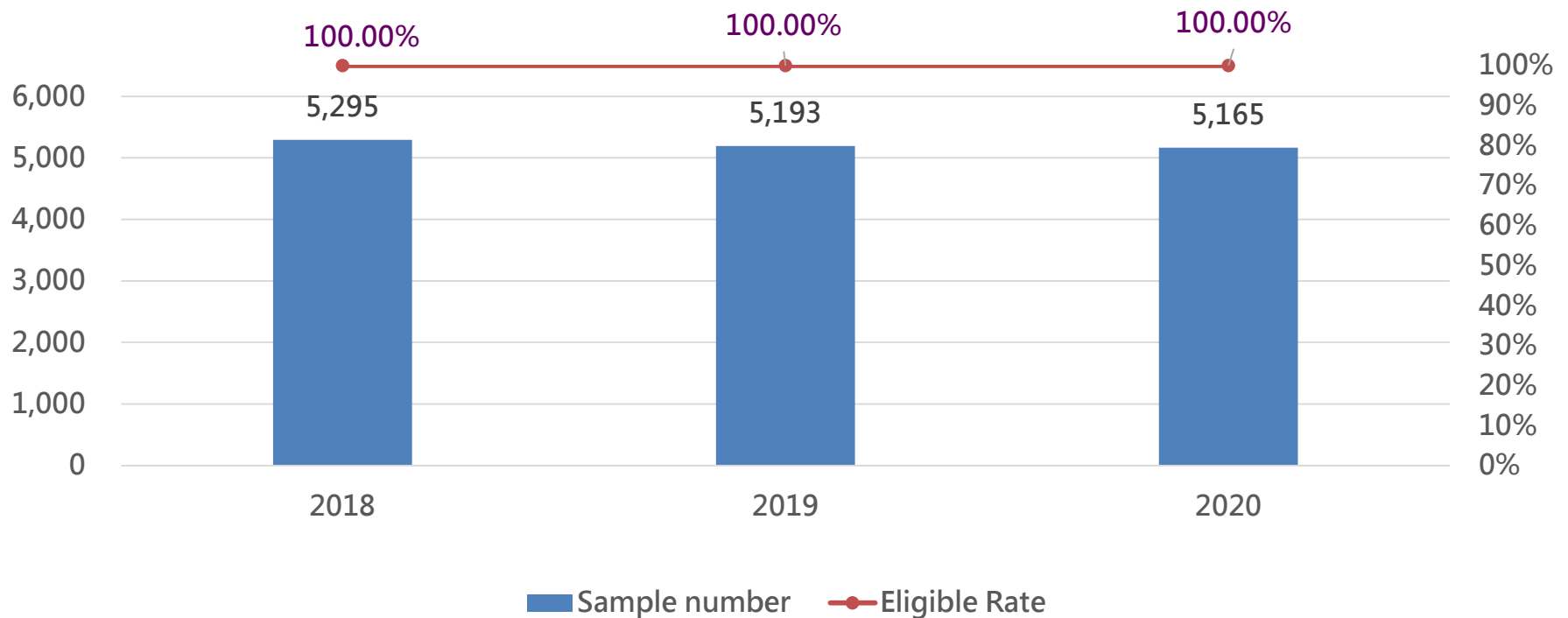
Technical Service Center, National Animal Industry Foundation (NAIF)



- The methods of **food test** for animal drugs
 - Announced by the Taiwan FDA.
- The methods of **non-food test** for animal drugs
 - Refers to the announced methods of Taiwan FDA, Bureau of Standards, Metrology and Inspection, Ministry of Economic Affairs (National Standards of the Republic of China, CNS), US FDA or international dissertation
- Accreditation
 - ISO/IEC 17025 by the Taiwan FDA and the Taiwan Accreditation Foundation (TAF).
 - Proficiency testing schemes which conducted by the Taiwan FDA and Food Analysis Performance Assessment Scheme (FAPAS) in the United Kingdom every year.
- Animal drugs to be tested consists of 149 items
 - Antimicrobials
 - Antiparasitic agents
 - β -adrenergic agonists

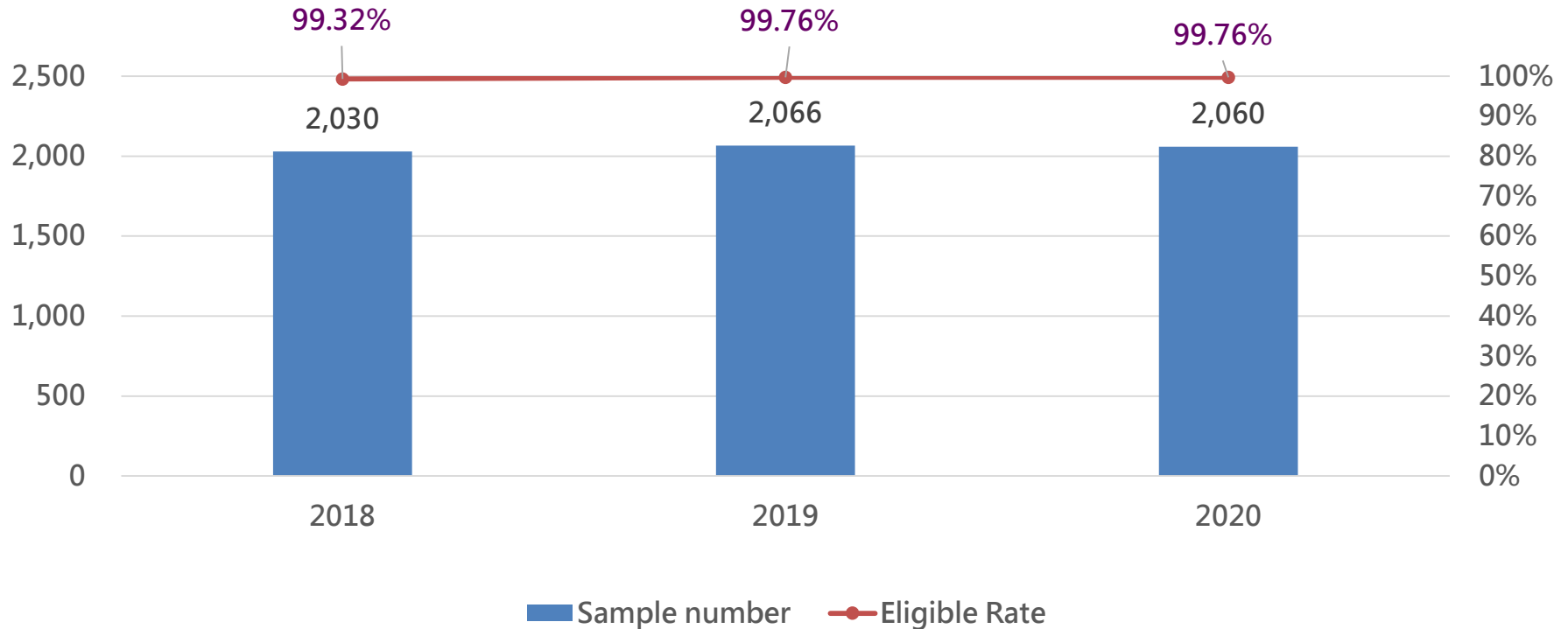


Testing Swine Hair for β -Adrenergic Agonist Residue



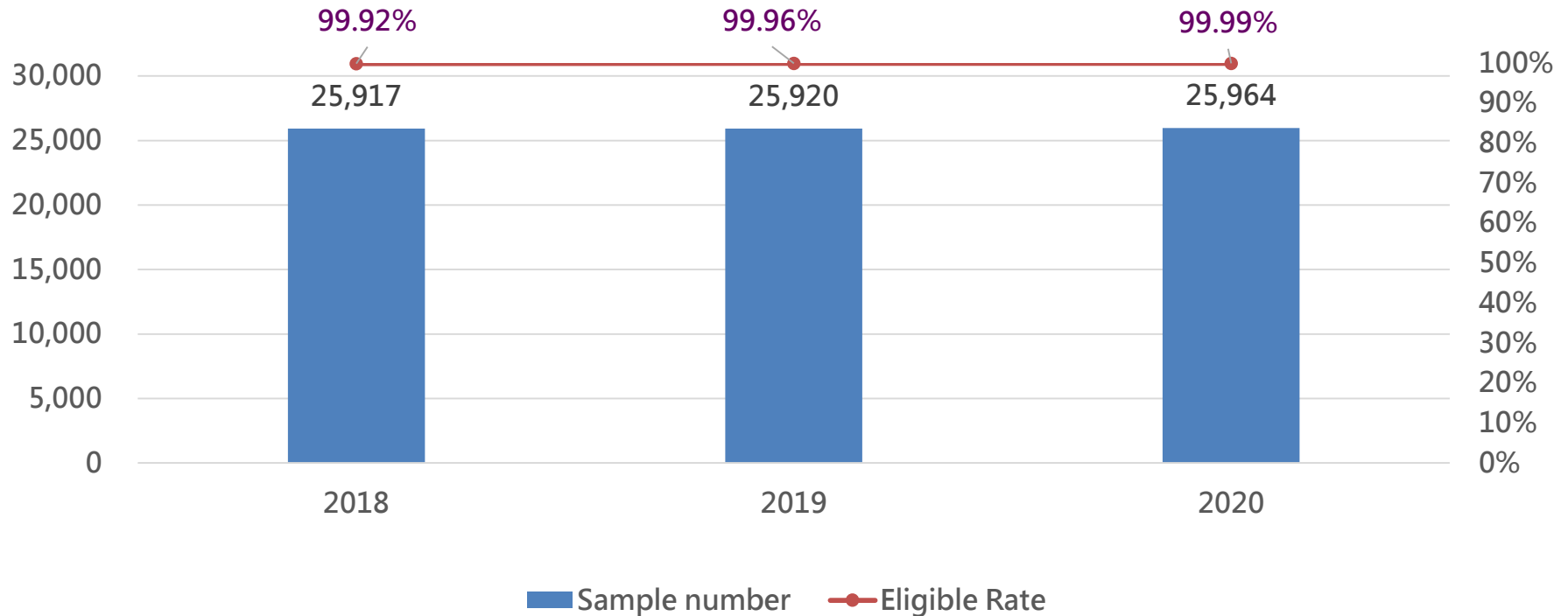
- According to the Council of Agriculture Announcement dated Sep. 7, 2020, “ β -adrenergic agonists is prohibited for manufacturing, for use in prescriptions, importation, exportation, distribution or exhibition.”

Testing Poultry Meat for Animal Drug Residue



- Poultry consists of chicken, duck and goose.

Testing Livestock Serum for Animal Drugs



- Livestock consists of swine, bovine and goat.

Conclusion



Drawing up a plan

Refers to Blue Book from the United States Department of Agriculture Food Safety and Inspection Service



Monitoring plan



Find the problem



Investigation



Fine/Penalty



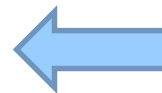
Education



Association



Problem solved



Eligible rate

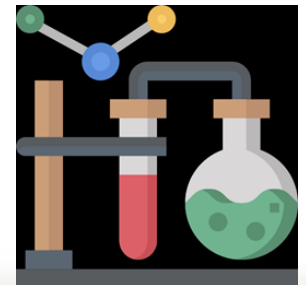
Future work



- BAPHIQ will continue to monitor animal drugs residue on farms; the Taiwan FDA will continue to monitor animal drugs residue on food industry and will continue to work with BAPHIQ.



- The laboratory of NAIF assigned by BAPHIQ will continue to be accredited to ISO/IEC 17025 by the Taiwan FDA and TAF and will continue to participate in the FAPAS of the U.K. every year.



Thank you for your attention !

