



## NDA HAS CAPACITY TO TEST MEDICINE

National Drug Authority (NDA) wishes to assure the public that it tests for quality of medicines in Uganda at the National Drug Quality Control Laboratory (NDQCL) in Mulago. This is a World Health Organization (WHO) prequalified Laboratory with international ISO 17025 accreditation, tests medicine samples from the ports of entry, and from market surveillance activities picked from any drug outlet in the country for quality assessment. The range of products tested at the Laboratory include; medicines, medical devices, public health products, insecticide found in long lasting insecticide treated nets (LLINs) among others.

The medicine testing equipment at the Laboratory includes: 8 High performance liquid chromatographic systems (HPLCs), 3 Gas chromatography machines, 7 Dissolution Testers, 2 UV-Visible spectrophotometers, 1 Fourier transform infrared spectrometer, 2 Karl fisher/Auto titrators, 2 Water leak condom testers, 2 Condom Air Burst Machines, 1 Gloves/ Condom visual leaks tester, 1 Dynamometer among others.

To increase on the capacity of the current Laboratory, a state of the art microbiology Laboratory is being established and will be fully operational by July 2018. The tests to be carried out include sterility, bacterial endotoxin (BET), particulate matter test, and microbial count for Oral syrups, microbial assays and later vaccines. NDA has commenced on the procurement process of the Laboratory tower on Buganda road, that shall increase the capacity for medicine testing in Uganda.

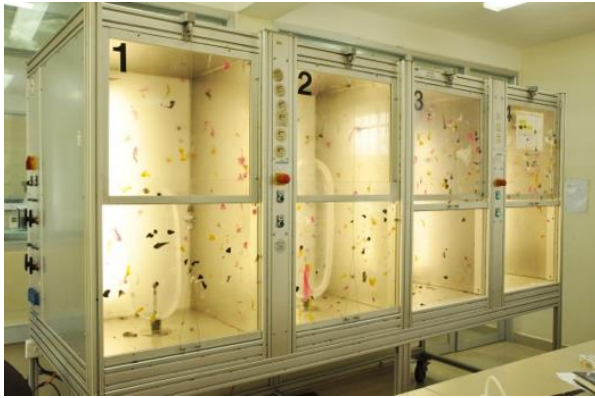


*A combined team of NDA Inspectors and Aviation Police screening of passengers' luggage at Entebbe International Airport to ensure that no unauthorized medicines enter Uganda. NDA is also present at Busia and Malaba borders, and through collaboration with URA on other various ports of entry.*

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*Condom Air Burst equipment: Tests for air pressure and volume of the latex condoms.*

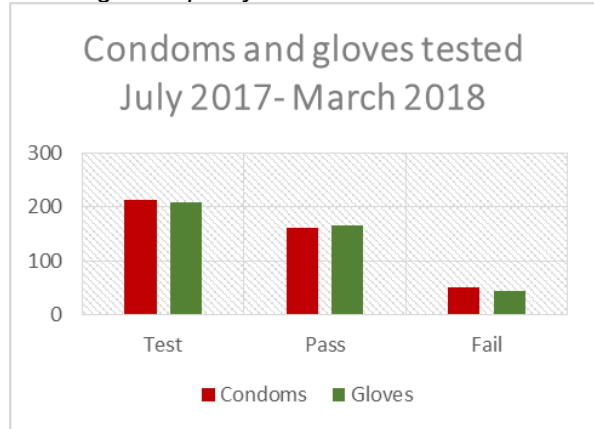


*Condom Air Burst equipment.*

**Water leak condom tester:** Detects holes; ensuring quality of condoms on the market.



**Gloves/ Condom visual leak tester:** used to ensure that medical gloves are free from holes.





*Sample preparation area in the medicine testing Laboratory*



*Gas chromatography equipment, used for testing insecticides in the LLINs and acaricides.*



*Dissolution testers used for testing the amount of medicine that dissolves in the body.*



*High performance liquid chromatographic systems (HPLCs). NDA has state of the art fully automated equipment and technical expertise with vast years of experience in the analytical area, dedicated to doing routine testing of all medicines in Uganda.*

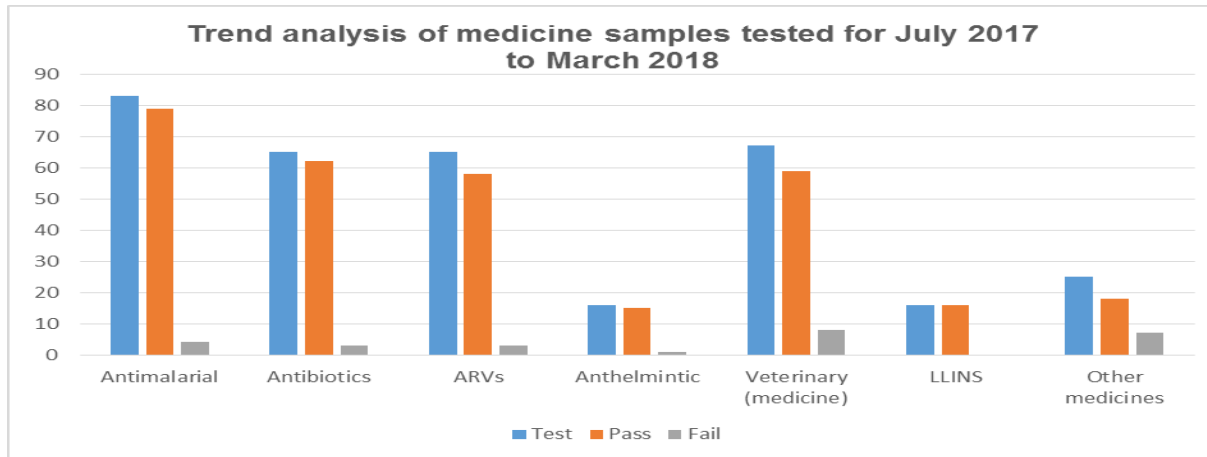


*Fourier transform infrared spectrometer: Used for identification of medicines.*



*Karl fisher/Auto titrator medicine testing equipment.*

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NDA would like to assure the population that it is committed to providing the highest possible standard of health care to all people of Uganda through quality and safe medicines.

Your Safety is NDA's Priority. Safe Drugs save Lives.

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