

# **FACILITATOR GUIDE**

## **Training on Proficiency Testing Scheme (GeneXpert DTS)**

### **Module 7: DTS Inactivation**

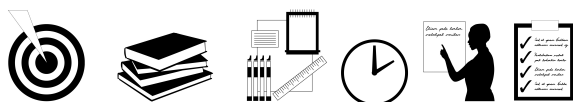
#### **Acknowledgements**

This Module was prepared by SRL-Uganda training team.

The inputs provided by the representatives of SRL-Uganda are acknowledged.

## Part 5.0: DTS Inactivation

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**OBJECTIVE:** To acquit and refresh participants with the basic knowledge on DTS Inactivation and its significance in this scheme.

**MATERIALS:**

1. Handouts,
2. Slides
3. Computer
4. Over head projector
5. Flip chart
6. Markers and pens
7. Note books

**TIMELINE:** 90 Minutes

**METHODOLOGY:**

1. Lecture
2. Discussion

**ADVANCE PREPARATION:**

1. Printing notes,
2. Familiarize oneself with the slides

**FACILITATORS STEP-BY STEP INSTRUCTIONS:**

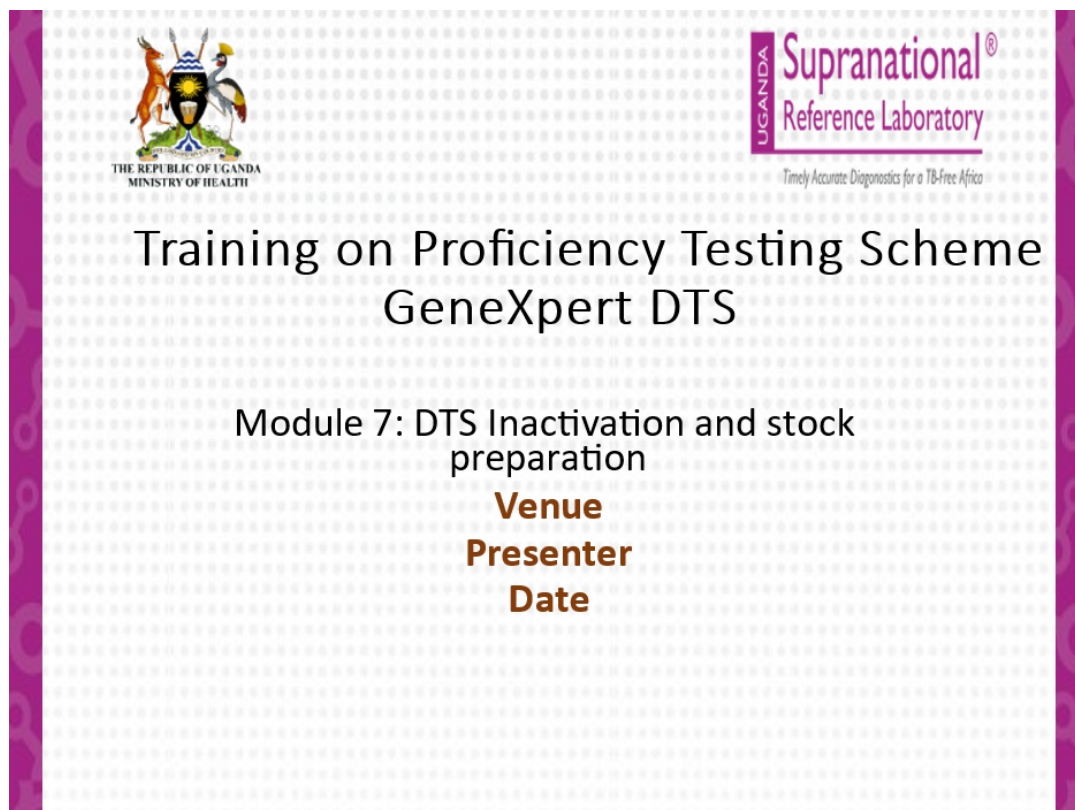
1. Welcome and Introduction
2. Present module overview
3. Ask question about module expectations
4. Distribute handouts
5. Start the presentation
6. Recap presentation using discussion questions
7. Ask if there is any question.

**FACILITATORS NOTES**

1. Make sure you go slow with the presentation as follows;  
     Inactivation  
     Inactivation verification and essence  
     Drying and storage  
     Food color

2. Encourage some of the participants to answer some of the questions that may arise during the presentation as this may create active participation from most of the class.
3. Make sure the materials required for the practical session are readily, ask for familiarity of MGIT culture competence.

#### SLIDE OF POWERPOINT PRESENTATION



#### SITUATION ANALYSIS/ EXERCISES

- How would you go about failed verification of inactivation? (Group activity)

#### ASSESSMENT REVIEW

1. What is the procedure for inactivation verification?
2. What are the storage conditions for the prepared DTS panels?
3. How long is the recommended sit-open period for the prepared aliquots?
4. What is the essence of adding food color to the prepared DTS aliquots?

#### REFERENCES

ISO 13528:2005, Statistical methods for use in proficiency testing by interlaboratory comparisons

ISO Guide 34, General requirements for the competence of reference material producers

ISO Guide 35, Reference materials – General and statistical principles for certification

Guide 34, ISO Guide 35 and ISO 13528 (homogeneity and stability)

ISO/IEC Guide 98-3, Uncertainty of measurement – Part 3: Guide to the expression of uncertainty in measurement (GUM:1995)

ISO/IEC 17011:2004, Conformity assessment – General requirements for accreditation bodies accrediting conformity assessment bodies

ISO/IEC 17025, General requirements for the competence of testing and calibration laboratories