

Table S3. Classification of deviations and finding examples obtained during audits.

Classification of findings affecting QMS requirements	
DEVIATIONS (According to severity of the finding)	Non-conformities (NC)
	Observations (OB)
AMBIT (According to affected requirement)	<i>Technical Requirements (TR)</i> <i>Management Requirements (MR)</i>
TYPES (Depending on affected component)	SUBTYPES
TYPE 1 Affects TECHNIQUE and/or trial information.	<p>SUBTYPE (a) The teflon magnet is not the regulatory size (≈ 5 cm in length), it is 3 cm in length (OB-TR). The use of a second decanter (graduated funnel with safety key) is not considered regulatory (OB-TR). The sieve has a pore diameter of 177 microns, which does not comply with the EC Regulation 2075/2005 (NC-TR).</p> <p>SUBTYPE (b) Not recording the percentage (%) of digestion (OB-TR). In the reports, the spaces reserved for each value are not used appropriately, writing values in spaces that do not correspond (OB-MR). Not recording the batch of the reagents (NC-TR). Not recording final results of the samples (NC-TR). Incorrect or lack of identification of samples (NC-TR).</p>
TYPE 2 Affects EQUIPMENT, MATERIAL, REAGENTS	<p>SUBTYPE (a) No calibration of equipment is carried out (OB-TR). There is no plan for the maintenance, verification and calibration of the equipment (MANCA Plan) (NC-TR). The record of the annual planning for maintenance, verification and calibration of the equipment is incomplete (OB-MR).</p> <p>SUBTYPE (b) The heating plate display does not show tenths of a degree (OB-TR). The thermometer does not work correctly and is not identified as equipment out of use (OB-TR). The equipment technical sheet does not correspond to the equipment used during the procedure (NC-TR). The equipment is not correctly labeled, no calibration label on the equipment (OB-MR).</p> <p>SUBTYPE (c) There is no graduated glass cylinder (50-100 ml) (OB-TR). The laboratory does not have thermometer (NC-TR).</p> <p>SUBTYPE (d) The instruction of the heating plate is missing (OB-TR).</p> <p>SUBTYPE (e) The graduated cylinder is broken or damaged, the container for collecting and inactivating liquid waste from positive samples is broken or damaged (OB-TR).</p> <p>SUBTYPE (f) There is no concentrated chlorine-based reagent available to inactivate waste from positive samples (OB-TR). The reagent belongs to a different batch than that indicated in the record (OB-TR).</p>
TYPE 3 Affects QUALIFICATION	NO SUBTYPES. The laboratory does not provide documents that ensure the proficiency level of technical staff performing the procedure (NC-TR).
TYPE 4 Affects QUALITY ASSURANCE	<p>SUBTYPE (a) No internal or external quality controls are performed (OB-TR).</p> <p>SUBTYPE (b) A non-conformity deviation identified during an internal quality control (i.e. $> 5\%$ of undigested tissue after a specific procedure) is not registered in the corresponding reports (OB-TR). Having identified deviations during internal audits, no corrective action plan is carried out (NC-TR)</p>

	<p>SUBTYPE (c) No calibration control of the weighing scale is performed (OB-TR), no calibration certificate of specific equipment is provided (NC-TR), calibration certificate is expired (NC-TR).</p> <p>SUBTYPE (d) No providing the "Certificate of Analysis" of the hydrochloric acid (NC-TR).</p> <p>SUBTYPE (e) The reagent supplier does not have the ISO 9001 certificate (OB-TR). It is unknown whether the supplier does or does not have the ISO 9001 certificate (OB-MR).</p> <p>SUBTYPE (f). A corresponding document does not include the corresponding data (e.g., the document "list of deviations" regarding audit, does not include the deviations identified during the last audit) (OB-MR).</p> <p>SUBTYPE (g) Pepsin is not correctly stored (temperature) (NC-TR).</p>
<p>TYPE 5</p> <p>Affects RECORDS, FORMATS AND OTHER DOCUMENTS</p>	<p>SUBTYPE (a) The document of the list of suppliers is incomplete (OB-MR). There is no report of the reagents control (NC-MR).</p> <p>SUBTYPE (b) Not using the correct format of the documentation to request reagents (NC-TR). There is no document for "reagents in use" (OB-MR).</p> <p>SUBTYPE (c) Not filling in the reports correctly (e.g. negative samples indicated with a symbol (-) instead of the correct form (N)) (OB-TR).</p> <p>SUBTYPE (d) The laboratory does not provide the current (in force) documents that include the applicable regulations (EU Regulation) of <i>Trichinella</i> sp. inspection (OB-TR).</p> <p>SUBTYPE (e) The report showing the sample result shows deletions (OB-TR).</p> <p>SUBTYPE (f) No keeping the receipts of the reagents (OB-MR).</p>
<p>TYPE 6</p> <p>Affects OTHER components</p>	<p>SUBTYPE (a) The laboratory does not have drinking water (OB-TR) or cold water (NC-TR). The existing sink is not suitable for cleaning laboratory equipment, there is no correct ventilation system (OB-MR).</p> <p>SUBTYPE (b) Using rusty materials, not using permanent marker to identify-label samples (OB-TR).</p> <p>SUBTYPE (c) The container to collect the liquid waste from positive samples and used to wash-rinse the material does not have a capacity of between 10 and 15 liters (OB-TR).</p> <p>SUBTYPE (d) Not proving the instructions of the equipment, the instructions are kept outside the laboratory (OB-MR). The instructions of the magnetic stirrer with heating plate is not in the native language of the technical operator, only the English version is available (NC-MR).</p>
