



ScanStation V9 Results Analysis Processing

The results analysis process consists of the stages: review, approval, and archiving. Throughout these stages an analysis can exist in one of the following states :

Validation status of an Analysis		Stages of the Process
Not reviewed ("completed" or "interrupted")		Transfer of analysis to Result Validation
Unsigned / Reviewed		Review
Signed / Reviewed		Review signature
Unsigned / Approved	Unsigned / Rejected	Approval or rejection
Signed / Approved	Signed / Rejected	Approval or rejection signature
Signed (finalized and archived)		Transfer analysis to Archives

Review Step

The first step is the review, which is carried out by a qualified laboratory technician. During this step, it is possible to **manually adjust the count**, and when the result is satisfactory, **the review is signed off***.

Once the review is signed, the results can no longer be modified. At this point, final approval is required.

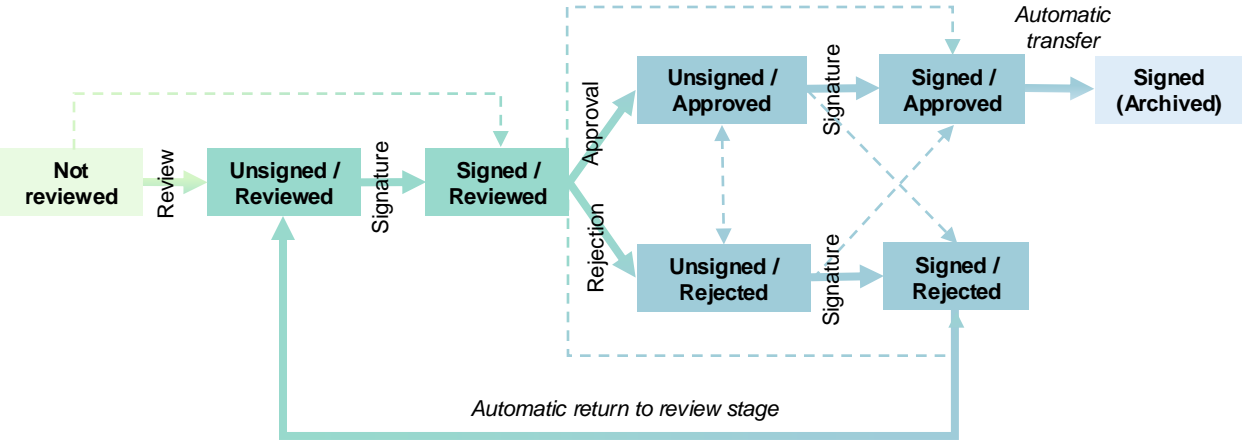
** If total user account management is not used, it is possible to carry out the review and the review signature in two phases, to have the equivalent of a double validation.*

Approval Step

Final approval is typically performed by a biologist, who **can only check analyses that have already been signed off at the review stage.**

- If the results are correct, the biologist **approves and signs** them, and they are **archived**.
- If the results are incorrect, the biologist **rejects and signs** the analysis, sending it **back to the review stage** for corrections. After modifications, it can be reviewed and signed off again and sent for final validation.

Summary



Automation of Review and Approval

Some customers will not have such high requirements in terms of results reviewing (food and beverage industries). This is why the review and approval process can be **automated** or **semi-automated**:

Semi-automatic mode:

- Results with a **compliant analysis status** () and without severity flag, **automatically proceed to the next stage**.
- Results with a **non-compliant analysis status** (), or with a **severity flag** (), will require **manual intervention** before moving forward.

Automatic mode:

- All analyses **proceed to the next stage automatically**, regardless of flags or alerts.