

# 7 No results produced for this processing job

## 7.1 Reason message appears

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When background processing fails to create results, Empower automatically deletes the empty result set container and posts the messages `No results produced for this processing job` and `Deleted during background processing` to the Message Center. In the audit trail, the deletion is attributed to the user who submitted the processing job, even if that user does not have Delete Results privileges. When Empower deletes a result set container, the Audit Trail Misc field contains the text `Deleted during background processing`. When a user deletes a result set, the Misc field is blank and the user's comments appear in the Details field after **Reason:**.

A deleted result set container occurs when a result set is removed from the Empower database; it is not due to a user deleting a result set. Deletion of a result set can only be performed by users with the Delete Results privilege or by the Empower system in certain specific circumstances.

## 7.2 Background

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When a processing job is launched, a result set "container" is immediately created in order to provide a place to store the imminent results. If an issue prevents results from being created, Empower automatically deletes the empty result set container and posts the `No results produced for this processing job` message. In the audit trail, the deletion is attributed to the user who submitted the processing job, even if that user does not have the privilege to delete results. This allows that specific user to be notified immediately about the error to help them investigate why the result set is missing. In order to further determine this scenario, the Audit Trail Misc field contains the text `Empty Result Set container automatically removed by the Empower system because no results were produced` and there is no user Reason associated with the Audit Trail entry in the Details field (because the user did not initiate the deletion). The string `Empty Result Set container automatically removed by the Empower system because no results were produced` is an explicit indication that Empower has automatically deleted the result set container and the user did not perform the delete event.

## 7.3 Troubleshooting

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The messages may occur in the following circumstances, although not exclusively:

- 3D data such as MS or PDA is processed, and there is no derived channel specified in the method set.
- 3D data such as MS or PDA is processed, and there is a mismatch between the data type and the derived channel type specified in the method set.
- Data is processed using a method set that does not contain a processing method.
- The system has run out of disk space.

**Note:** If the system runs out of disk space, there is a corresponding message in the Project Audit trail.

Starting with Empower 3 Service Release 3, whenever background processing of a sample set does not produce any results, Empower adds a message at the end of the process stating `Removed Empty Result Set`. This message appears in Action field of the Project Audit Trail (**Audit Trails** tab). The message appears with its corresponding enhanced miscellaneous (Misc) **explanation:** `Empty Result Set container automatically removed by the Empower system because no results were produced.`

**Restriction:** Users cannot type Information in the Misc field of the Project Audit Trail.