1. **PURPOSE:**

To provide a procedure of Operations of Tray Driers in the Production of all Active substances at Discovery.

1. **SCOPE:**

This SOP is applicable for all Tray driers operations used in the company at Discovery.

1. **RESPONSIBILITY:**

It is the responsibility of the person operating to follow this procedure as written in this SOP

1. **Definitions:** Nil
2. **PROCEDURE :**
   1. Check the visually all trays are cleaned or Not.
   2. Charge wet cake about 4-5 kgs uniformly in to each tray.
   3. Load the trays from bottom up wards into the back row first and then the front row.
   4. Charge the distribute powder in to the trays one by one.
   5. After loading the trays in to the drier .Close the door of the drier.
   6. Keep the drier outlet nozzle in an open/ partially open condition.
   7. Start drier fan run for 15 min without heating as per BPR**.**
   8. Evacuate the drier with Nitrogen flashings then apply the steam as per process requirement.
   9. Dry for the specified period of time as mentioned in BPR.
   10. Collect a uniform sample of all trays and submit to QC for LOD/MC.
   11. If the results do not pass continue drying then against the sample submit as per BPR instructions.
   12. After sample passes stop the steam and allow cooling to ambient temperature Under nitrogen atmosphere**.**
   13. Unload the trays from top trays to bottom trays of the front or first and then backRow into containers lined with poly bags
   14. Clean the tray drier.
3. **Formats / Annexure(S):** Nill
4. **Change History:**

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| **Revision No.** | **Effective Date** | **Details of Revision** | **Ref. CCF No.** |
| ----- | 01.01.2011 | New SOP is introduced | ----- |
| 01 | 01.06.2014 | Change wet cake 2.0 to 2.5 Kgs to about 4-5 kgs | ----- |
| 02 | 01.01.2017 | Procedure elaborated and SOPs PD-016, PD-022 and PD- 026 are merged in this SOP. | PD-CRF-024/16 |
| 03 | 01.01.2018 | 1. SOP format changed make to inline with SOP-QA- 001-05.  2. In Revision No 02 Change History typographical error was rectified | CCF/GEN/17035 |