

|                                                                                   |                                                  |                            |                    |
|-----------------------------------------------------------------------------------|--------------------------------------------------|----------------------------|--------------------|
|  | <b>Safetab Life Science</b><br><b>Puducherry</b> |                            | <b>MASTER COPY</b> |
|                                                                                   | <b>PACKING MATERIAL SPECIFICATION</b>            |                            |                    |
| <b>Name of Material</b>                                                           | <b>302MM STRIP FOIL (BSO)</b>                    |                            |                    |
| <b>Specification No.</b>                                                          | SPEC-PMST0044-00                                 | <b>Revision No.</b>        | 00                 |
| <b>Supersedes</b>                                                                 | NIL                                              | <b>Effective Date</b>      | 20/08/2025         |
|                                                                                   |                                                  | <b>Item Code:</b> PMST0044 |                    |
|                                                                                   |                                                  | <b>Page No.:</b> 1 of 3    |                    |

| S.NO | PACKING MATERIAL GENERAL SPECIFICATION (s)                               |                                                                                           |
|------|--------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| 1.   | Storage condition                                                        | Store in below 30°C.                                                                      |
| 2.   | Precautions, Handling hazards & Special instructions for sampling if any | No special instructions.                                                                  |
| 3.   | Total Quantity of sample required for analysis                           | 1 meter of foil from each roll. Minimum 60% from total number of rolls are to be sampled. |
| 4.   | Quantity of reserve sample                                               | Not applicable.                                                                           |
| 5.   | Sampling Instructions                                                    | Follow the Standard operating procedure number: ST/QC/041.                                |
| 6.   | Destruction Instructions                                                 | Follow the Standard operating procedure number: ST/QC/032.                                |
| 7.   | Retest period                                                            | 12 months from the date of release.                                                       |

| Particulars        | PREPARED BY                                                                         | REVIEWED BY                                                                         | APPROVED BY                                                                           |
|--------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>Name</b>        | C.K.SARAVANAN                                                                       | K.SARAVANAN                                                                         | S.MARAN                                                                               |
| <b>Designation</b> | Asst. Manager-QC                                                                    | Dy. Manager-QC                                                                      | AGM-QA                                                                                |
| <b>Signature</b>   |  |  |  |
| <b>Date</b>        | 18/08/2025                                                                          | 19/08/2025                                                                          | 20/08/2025                                                                            |

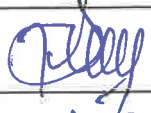
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|                                                                                   | <b>PACKING MATERIAL SPECIFICATION</b>            |                       |            |                            |
| <b>Name of Material</b>                                                           | <b>302MM STRIP FOIL (BSO)</b>                    |                       |            |                            |
| <b>Specification No.</b>                                                          | SPEC-PMST0044-00                                 | <b>Revision No.</b>   | 00         | <b>Item Code:</b> PMST0044 |
| <b>Supersedes</b>                                                                 | NIL                                              | <b>Effective Date</b> | 20/08/2025 | <b>Page No.:</b> 2 of 3    |

| S.NO | TEST (s)                                 | SPECIFICATION (s)                                            |
|------|------------------------------------------|--------------------------------------------------------------|
| 1.   | *Description                             | 0.07mm thickness, 302mm Aluminum plain strip foil (BSO).     |
| 2.   | <b>Dimensions:</b><br>Width<br>Thickness | 302±2.0mm (300 to 304mm)<br>0.07±0.005mm (0.065 to 0.075 mm) |
| 3.   | Total Grammage                           | 107.5 – 126.2 g/sq.m                                         |
|      | GSM of Aluminium layer                   | 74.8 – 87.8 g/sq.m                                           |
|      | GSM of Nylon layer                       | 32.7 – 38.4 g/sq.m                                           |
| 4.   | *Pinholes                                | Should be absent                                             |
| 5.   | *Cleanliness check                       | Should be free from dirty, mutilated, torn or Stained.       |
| 6.   | Hologram images                          | Should be present.                                           |

**Remarks:** The above \* Marked tests are to be performed while retesting the material.

| Particulars        | PREPARED BY                                                                         | REVIEWED BY                                                                         | APPROVED BY                                                                           |
|--------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>Name</b>        | <b>C.K.SARAVANAN</b>                                                                | <b>K.SARAVANAN</b>                                                                  | <b>S.MARAN</b>                                                                        |
| <b>Designation</b> | <b>Asst. Manager-QC</b>                                                             | <b>Dy. Manager-QC</b>                                                               | <b>AGM-QA</b>                                                                         |
| <b>Signature</b>   |  |  |  |
| <b>Date</b>        | 18/08/2025                                                                          | 19/08/2025                                                                          | 20/08/2025                                                                            |

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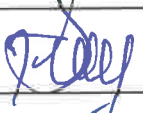
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|                                                                                   | <b>PACKING MATERIAL SPECIFICATION</b>     |                       |            |                                                                                                        |
| <b>Name of Material</b>                                                           | <b>302MM STRIP FOIL (BSO)</b>             |                       |            |                                                                                                        |
| <b>Specification No.</b>                                                          | SPEC-PMST0044-00                          | <b>Revision No.</b>   | 00         | <b>Item Code:</b> PMST0044                                                                             |
| <b>Supersedes</b>                                                                 | NIL                                       | <b>Effective Date</b> | 20/08/2025 | <b>Page No.:</b> 3 of 3                                                                                |

**REVISION HISTORY:**

| Specification No. | Reason for Review           | Change control No. | Effective Date |
|-------------------|-----------------------------|--------------------|----------------|
| SPEC-PMST0044-00  | New Specification prepared. | NA                 | 20/08/2025     |

**\*\* END OF THE DOCUMENT \*\***

| Particulars        | PREPARED BY                                                                         | REVIEWED BY                                                                         | APPROVED BY                                                                           |
|--------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>Name</b>        | <b>C.K.SARAVANAN</b>                                                                | <b>K.SARAVANAN</b>                                                                  | <b>S.MARAN</b>                                                                        |
| <b>Designation</b> | <b>Asst. Manager-QC</b>                                                             | <b>Dy. Manager-QC</b>                                                               | <b>AGM-QA</b>                                                                         |
| <b>Signature</b>   |  |  |  |
| <b>Date</b>        | 18/08/2025                                                                          | 19/08/2025                                                                          | 20/08/2025                                                                            |

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Puducherry

**STANDARD TESTING PROCEDURE**

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|                  |                        |                |            |                     |
|------------------|------------------------|----------------|------------|---------------------|
| Name of Material | 302MM STRIP FOIL (BSO) |                |            |                     |
| STP No.          | STP-PMST0044-00        | Revision No.   | 00         | Item Code: PMST0044 |
| Supersedes       | NIL                    | Effective Date | 20/08/2025 | Page No.: 1 of 3    |

**1. DESCRIPTION:**

0.07mm thickness, 302mm Aluminium plain strip foil (BSO).

**2. DIMENSIONS:**

**Width:**

Measure the width (in mm) of the foil randomly and take the average.

**Thickness:**

Measure the thickness (in mm) of the foil randomly and take the average.

**3. TOTAL GRAMMAGE:**

Cut a perfect square of 5cm x 5cm of the foil and weigh the piece (W gms) and calculate the Grammage (GSM) using the following formula. Check the aluminium plain strip foil randomly and take the average.

**CALCULATION:**

$$\text{GSM} = \frac{W \text{ (gms)} \times 100 \times 100}{\text{Length (in cm)} \times \text{Height (in cm)}}$$

**GSM OF ALUMINIUM (NET METAL) & NYLON LAYER:**

Soak the piece of foil cut from Aluminium strip foil in Glacial acetic acid for ½ hour, remove the foil and separate Aluminium and nylon layer after washing in tap water and dry the pieces using a cloth. Weigh the Aluminium and nylon layer separately. Calculate the GSM of respective Aluminium and nylon layer from the formula,

$$\text{GSM} = \frac{W \text{ (gms)} \times 100 \times 100}{\text{Length (in cm)} \times \text{Height (in cm)}}$$

| Particulars | PREPARED BY      | REVIEWED BY    | APPROVED BY |
|-------------|------------------|----------------|-------------|
| Name        | C.K.SARAVANAN    | K.SARAVANAN    | S.MARAN     |
| Designation | Asst. Manager-QC | Dy. Manager-QC | AGM-QA      |
| Signature   |                  |                |             |
| Date        | 18/08/2025       | 19/08/2025     | 20/08/2025  |

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**STANDARD TESTING PROCEDURE**

|                         |                               |                       |            |                            |
|-------------------------|-------------------------------|-----------------------|------------|----------------------------|
| <b>Name of Material</b> | <b>302MM STRIP FOIL (BSO)</b> |                       |            |                            |
| <b>STP No.</b>          | STP-PMST0044-00               | <b>Revision No.</b>   | 00         | <b>Item Code:</b> PMST0044 |
| <b>Supersedes</b>       | NIL                           | <b>Effective Date</b> | 20/08/2025 | <b>Page No.:</b> 2 of 3    |

Where W = Weight in gram, L = Length in cm, H = Height in cm  
The result gives the GSM of Aluminium (Net metal) and Nylon.

**4. PINHOLES:**

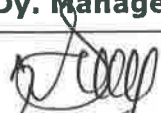
Check the Aluminium strip foil by placing the foil sample in pinholes tester and check under light for pinholes.

**5. CLEANLINESS CHECK:**

Check the cleanliness of the foils. The test passes if the foils are not dirty, mutilated, torn or stained.

**6. HOLOGRAM IMAGES:**

Check the hologram images randomly.

| Particulars        | PREPARED BY                                                                         | REVIEWED BY                                                                         | APPROVED BY                                                                           |
|--------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>Name</b>        | C.K.SARAVANAN                                                                       | K.SARAVANAN                                                                         | S.MARAN                                                                               |
| <b>Designation</b> | Asst. Manager-QC                                                                    | Dy. Manager-QC                                                                      | AGM-QA                                                                                |
| <b>Signature</b>   |  |  |  |
| <b>Date</b>        | 18/08/2025                                                                          | 19/08/2025                                                                          | 20/08/2025                                                                            |

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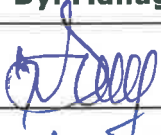
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|                                                                                  | <b>STANDARD TESTING PROCEDURE</b>                |                       |            |                            |
| <b>Name of Material</b>                                                          | <b>302MM STRIP FOIL (BSO)</b>                    |                       |            |                            |
| <b>STP No.</b>                                                                   | STP-PMST0044-00                                  | <b>Revision No.</b>   | 00         | <b>Item Code:</b> PMST0044 |
| <b>Supersedes</b>                                                                | NIL                                              | <b>Effective Date</b> | 20/08/2025 | <b>Page No.:</b> 3 of 3    |

**REVISION HISTORY:**

| Specification No. | Reason for Review | Change control No. | Effective Date |
|-------------------|-------------------|--------------------|----------------|
| STP-PMST0044-00   | New STP Prepared. | NA                 | 20/08/2025     |

**\*\* END OF THE DOCUMENT \*\***

| Particulars | PREPARED BY                                                                         | REVIEWED BY                                                                         | APPROVED BY                                                                           |
|-------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Name        | C.K.SARAVANAN                                                                       | K.SARAVANAN                                                                         | S.MARAN                                                                               |
| Designation | Asst. Manager-QC                                                                    | Dy. Manager-QC                                                                      | AGM-QA                                                                                |
| Signature   |  |  |  |
| Date        | 18/08/2025                                                                          | 19/08/2025                                                                          | 20/08/2025                                                                            |

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