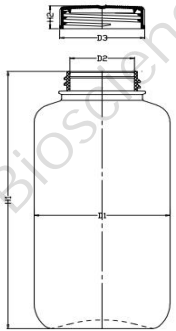


## Technical Datasheet

| <b>Article - No:</b>                          | TDS-WMPB125P   | Revision: A0        |                |                     |                     |                |                |                 |               |              |       |    |                     |                |                     |                     |                |                |    |                     |                |                     |                     |                |
|---|--|---------------------|----------------|---------------------|---------------------|----------------|----------------|-----------------|---------------|--------------|-------|----|---------------------|----------------|---------------------|---------------------|----------------|----------------|----|---------------------|----------------|---------------------|---------------------|----------------|
| <b>Remarks</b>                                | single use only  |                     |                |                     |                     |                |                |                 |               |              |       |    |                     |                |                     |                     |                |                |    |                     |                |                     |                     |                |
| Specification                                 |  |                     |                |                     |                     |                |                |                 |               |              |       |    |                     |                |                     |                     |                |                |    |                     |                |                     |                     |                |
| <b>Product name</b>                           | WMPB125P, 125ml Packaging Bottle, PP   |                     |                |                     |                     |                |                |                 |               |              |       |    |                     |                |                     |                     |                |                |    |                     |                |                     |                     |                |
| <b>Production conditions</b>                  | Class 100,000 clean room production  |                     |                |                     |                     |                |                |                 |               |              |       |    |                     |                |                     |                     |                |                |    |                     |                |                     |                     |                |
|   | No release agent is used   |                     |                |                     |                     |                |                |                 |               |              |       |    |                     |                |                     |                     |                |                |    |                     |                |                     |                     |                |
| <b>Classification</b>                         | CE/IVDD  |                     |                |                     |                     |                |                |                 |               |              |       |    |                     |                |                     |                     |                |                |    |                     |                |                     |                     |                |
| <b>Dimensions</b>                             |    |                     |                |                     |                     |                |                |                 |               |              |       |    |                     |                |                     |                     |                |                |    |                     |                |                     |                     |                |
|   | <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>location name</th> <th>material</th> <th>O. D. D1 (mm)</th> <th>Height H1 (mm)</th> <th>I. D. D2 (mm)</th> <th>Cap O.D D3 (mm)</th> <th>Cap H H2 (mm)</th> <th>total H (mm)</th> </tr> </thead> <tbody> <tr> <td rowspan="2">125ml</td> <td>PP</td> <td><math>\phi 50.7 \pm 0.4</math></td> <td><math>95.7 \pm 0.4</math></td> <td><math>\phi 28.0 \pm 0.4</math></td> <td><math>\phi 42.2 \pm 0.3</math></td> <td><math>15.5 \pm 0.3</math></td> <td><math>97.8 \pm 0.8</math></td> </tr> <tr> <td>PE</td> <td><math>\phi 50.8 \pm 0.4</math></td> <td><math>96.2 \pm 0.4</math></td> <td><math>\phi 27.8 \pm 0.4</math></td> <td><math>\phi 42.2 \pm 0.3</math></td> <td><math>15.5 \pm 0.3</math></td> <td><math>98.3 \pm 0.8</math></td> </tr> </tbody> </table> |                     | location name  | material            | O. D. D1 (mm)       | Height H1 (mm) | I. D. D2 (mm)  | Cap O.D D3 (mm) | Cap H H2 (mm) | total H (mm) | 125ml | PP | $\phi 50.7 \pm 0.4$ | $95.7 \pm 0.4$ | $\phi 28.0 \pm 0.4$ | $\phi 42.2 \pm 0.3$ | $15.5 \pm 0.3$ | $97.8 \pm 0.8$ | PE | $\phi 50.8 \pm 0.4$ | $96.2 \pm 0.4$ | $\phi 27.8 \pm 0.4$ | $\phi 42.2 \pm 0.3$ | $15.5 \pm 0.3$ |
| location name                                 | material   | O. D. D1 (mm)       | Height H1 (mm) | I. D. D2 (mm)       | Cap O.D D3 (mm)     | Cap H H2 (mm)  | total H (mm)   |                 |               |              |       |    |                     |                |                     |                     |                |                |    |                     |                |                     |                     |                |
| 125ml   | PP   | $\phi 50.7 \pm 0.4$ | $95.7 \pm 0.4$ | $\phi 28.0 \pm 0.4$ | $\phi 42.2 \pm 0.3$ | $15.5 \pm 0.3$ | $97.8 \pm 0.8$ |                 |               |              |       |    |                     |                |                     |                     |                |                |    |                     |                |                     |                     |                |
|   | PE   | $\phi 50.8 \pm 0.4$ | $96.2 \pm 0.4$ | $\phi 27.8 \pm 0.4$ | $\phi 42.2 \pm 0.3$ | $15.5 \pm 0.3$ | $98.3 \pm 0.8$ |                 |               |              |       |    |                     |                |                     |                     |                |                |    |                     |                |                     |                     |                |
| <b>Colour</b>                                 | Clear  |                     |                |                     |                     |                |                |                 |               |              |       |    |                     |                |                     |                     |                |                |    |                     |                |                     |                     |                |
| <b>Nominal Capacity</b>                       | 125ml  |                     |                |                     |                     |                |                |                 |               |              |       |    |                     |                |                     |                     |                |                |    |                     |                |                     |                     |                |
| <b>Material Characteristics</b>               | bottle: polypropylene (PP)   |                     |                |                     |                     |                |                |                 |               |              |       |    |                     |                |                     |                     |                |                |    |                     |                |                     |                     |                |
|   | cap: High Density Polyethylene (HDPE)  |                     |                |                     |                     |                |                |                 |               |              |       |    |                     |                |                     |                     |                |                |    |                     |                |                     |                     |                |
| <b>Performance parameters</b>                 | Negative pressure: -70kpa ~ -95kpa   |                     |                |                     |                     |                |                |                 |               |              |       |    |                     |                |                     |                     |                |                |    |                     |                |                     |                     |                |
|   | Ethanol loss rate: $\leq 0.5\%$  |                     |                |                     |                     |                |                |                 |               |              |       |    |                     |                |                     |                     |                |                |    |                     |                |                     |                     |                |
|   | water loss rate: $\leq 0.2\%$  |                     |                |                     |                     |                |                |                 |               |              |       |    |                     |                |                     |                     |                |                |    |                     |                |                     |                     |                |
| <b>Purity Grade</b>                           | free of RNase and DNase  |                     |                |                     |                     |                |                |                 |               |              |       |    |                     |                |                     |                     |                |                |    |                     |                |                     |                     |                |
|   | free of pyrogen  |                     |                |                     |                     |                |                |                 |               |              |       |    |                     |                |                     |                     |                |                |    |                     |                |                     |                     |                |
|   | free of PCR inhibitors   |                     |                |                     |                     |                |                |                 |               |              |       |    |                     |                |                     |                     |                |                |    |                     |                |                     |                     |                |
|   | free of human DNA  |                     |                |                     |                     |                |                |                 |               |              |       |    |                     |                |                     |                     |                |                |    |                     |                |                     |                     |                |
|   | free of endotoxins   |                     |                |                     |                     |                |                |                 |               |              |       |    |                     |                |                     |                     |                |                |    |                     |                |                     |                     |                |
| <b>Shelf - Life</b>                           | 36 months at controlled storage conditions   |                     |                |                     |                     |                |                |                 |               |              |       |    |                     |                |                     |                     |                |                |    |                     |                |                     |                     |                |
| <b>Packaging</b>                              | pcs per case: 500  |                     |                |                     |                     |                |                |                 |               |              |       |    |                     |                |                     |                     |                |                |    |                     |                |                     |                     |                |
| <b>Storage</b>                                | dry condition: 40%-60% rel. humidity   |                     |                |                     |                     |                |                |                 |               |              |       |    |                     |                |                     |                     |                |                |    |                     |                |                     |                     |                |
| <b>Approved by PakGent quality department</b> |  |                     |                |                     |                     |                |                |                 |               |              |       |    |                     |                |                     |                     |                |                |    |                     |                |                     |                     |                |