

Product
Datasheet

SpecPlate


96 Well Multiwellplate

Item-No. 400100

Meet SpecPlate, our revolutionary 96-well plate, and usher on a new era of absorbance measurements for process development and quality control. Featuring a unique design with 4 measuring chambers in each well, SpecPlate efficiently captures up to 4 data points per well. This not only streamlines your workflow but also

improves reproducibility and slashes consumable costs. Experience the seamless harmony between innovation and best practices, as SpecPlate integrates effortlessly into high-throughput workflows using the standardized format of plate reader-based analysis.

| 1. Description / Specification | | |
|---------------------------------------|-------------------|---|
| 1.1 | Description | SpecPlate multiwell plate, 96 well, F-bottom (flat), alphanumeric well coding, 1 well consists of 4 measuring structure in a 384-well format |
| 1.2 | Dimension | See Customer Drawing Foil: 135 μm (\pm 10 μm) |
| 1.3 | Volume | Working volume: 36 μL |
| 1.4 | Material / Resin | Plate and foil: Cycloolefine, free of heavy metal |
| 1.5 | Color | clear |
| 1.6 | Sterilization | No |
| 1.7 | Quality Control | <ul style="list-style-type: none"> - Raw Material-Control: physical testing - Product-Control: testing of attributive and variable characteristics in accordance with the valid specification |
| 1.8 | Intended Use | A specially designed laboratory product for use in plate-based UV/Vis spectroscopy, intended for use by qualified personnel in a laboratory environment. |
| 1.9 | Other Information | <ul style="list-style-type: none"> - For single use only - For research use only. Not for use in diagnostics procedures. |

| 2. Features | | |
|--|--------------------------|---|
| 2.1 | Basic Features | <ul style="list-style-type: none"> - Free of detectable DNase/RNase, human DNA and pyrogens - A special measuring structure with microfluidic structures is employed. An inlet is connected with an outlet, with four measuring chambers situated between them. The chamber heights are 2000 μm, 1400 μm, 700 μm, and 100 μm: |
|  | | |
| 2.2 | Temperature range | For application: -20°C to +40°C |
| 2.3 | Autoclavability | No |
| 2.4 | Centrifugation, max. RCF | N/A |
| 2.5 | Chemical Resistance | See homepage: https://phabioc.com/en/media/ |
| 2.6 | Shelf Life | N/A |
| 2.7 | Other Information | Certificate of Quality to download |

| | | |
|------------|--------------------------|----|
| 3. | Packaging | |
| 3.1 | Pieces / Bag | 10 |
| 3.2 | Pieces / Box | 40 |
| 3.3 | Lot-No. | |
| 3.4 | Other Information | - |
| 4. | Other Information | |
| | | - |

Data Sheet subject to change without notice!

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DISCLAIMER: The description of a certain product can only be considered as a guidance, because its performance ultimately depends on what the product is used for. Very often performance studies are indispensable.

