

Corning Incorporated Life Sciences

Registered
ISO 9001:2008

Product Description

Catalog Number: 4591

Product Description: Costar® 96-well Ultra Low Attachment, black round bottom, with Low Evaporation lid

Component Materials:

- | | | |
|---------|---|---|
| Plate | - | Medium Impact Polystyrene, meets <i>USP, Class VI</i> requirements for plastic containers and closures. Black concentrate |
| Lid | - | Virgin Polystyrene, meets <i>USP, Class VI</i> requirements for plastic containers and closures. |
| Surface | - | Proprietary hydrogel. |

Product Dimensions:

- | | | | | | |
|--------------------------|---|--------------|---------------------------|---|----------|
| Length of Plate | - | 5.030 in. | Diameter of Well @ top | - | .270 in. |
| Width of Plate | - | 3.365 in. | Diameter of Well @ bottom | - | .250 in. |
| Depth of Well | - | .445 in. | Height with Lid | - | .650 in. |
| Tolerances of Dimensions | - | +/- .010 in. | Working Volume per well | - | .360µL |

Sterilization:

The product is irradiated and dosimetrically released based on ANSI/AAMI/ISO 11137 *Sterilization of healthcare products-Requirements for validation and routine control-Radiation sterilization*.
Sterility Assurance Level: SAL 10⁻³

Pyrogens:

The product has been tested and has met the criteria established in the current version of ANSI/AAMI ST 72: *Bacterial Endotoxins - Test methodologies, routine testing, and alternative to batch testing*.
Results: ≤ 0.1 EU/mL (≤ 4EU/device)

Surface Characterization:

Surface is characterized to be hydrophilic and neutrally charged, composed of a covalently bound hydrogel layer that is biologically inert and non-degradable. This surface composition has been optimized for cell attachment inhibition.

Cell Attachment and Growth Characteristics:

The product has been tested for the attribute of cell attachment inhibition utilizing an attachment- dependent mammalian cell line in a serum supplemented media. Cell attachment inhibition must be ≥ 98% as compared to a standard tissue culture treated surface.

Bovine Spongiform Encephalopathy and Transmissible Spongiform Encephalopathy:

This product is manufactured and packaged with animal free materials.

Performance Testing:

Each manufacturing lot is sampled and tested in accordance with Standard Operating Procedures.

- | | |
|-----------------------------|---|
| Cell Attachment Inhibition: | Verification of cell attachment inhibition utilizing an attachment-dependent mammalian cell line in a serum supplemented media. |
| Visual Attributes: | Visual and microscopic examination of the product. |
| Packaging: | Inspection for seal and barrier integrity, accurate labeling, and correct product configuration. |

Lot Number Designation:

8 Digit Lot Number: First 3 digits - Julian date, start of manufacturing; Next 2 digits - Year of manufacture; Last 3 digits - Batch identification.

Rev No: 1