

Corning Incorporated Life Sciences

Registered
ISO 9001:2008

Product Description

Catalog Number: 3826

Product Description: Corning® 384-well, low volume, tissue culture treated, white plate with flat bottom, with lid

Component Materials:

- | | | |
|-------|---|--|
| Plate | - | Virgin Polystyrene, meets <i>USP, Class VI</i> requirements for containers and closures. White concentrate |
| Lid | - | Virgin Polystyrene, meets <i>USP, Class VI</i> requirements for plastic containers and closures. |

Product Dimensions:

Length of Plate	-	5.030 in.	Diameter of Well @ top	-	.130 in.
Width of Plate	-	3.365 in.	Diameter of Well @ bottom	-	.079 in.
Depth of Well	-	.370 in.	Height with Lid	-	.573 in.
Tolerances of Dimensions	-	+/- .010 in.	Total well volume	-	50 µL

Sterilization:

This lot has been 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 72:2002/(R)2010 *Bacterial Endotoxins - Test methodologies, routine monitoring, and alternative to batch testing*.
Results: ≤ 0.1 EU/mL (≤ 4EU/device)

Surface Characterization:

Surface is characterized to be hydrophilic and negatively charged, composed of 9-17% oxygen atoms. This surface composition has been optimized for cell attachment and growth.

Cell Attachment and Growth Characteristics:

The product has been tested for the attribute of cell attachment and growth utilizing an attachment-dependent mammalian cell line in a serum supplemented media.

Optical Characteristics:

The product is made of opaque white polystyrene to minimize well to well crosstalk and background fluorescence and /or luminescence.

Performance Testing:

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

Visual Attributes:	Visual examination of the product.
Packaging:	Inspection for seal and barrier integrity, accurate labeling and correct product configuration.
Opacity:	Visual, using a fluorescent compound.
Cell Culture Treatment:	Wettability test using water to insure the presence of a hydrophilic surface.

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: 3