

**Corning Incorporated
Life Sciences**

Registered
ISO 9001:2008

Product Description

Catalog Number: 3571

Product Description: Corning® 384-well, tissue culture treated, black opaque plate, with lid

Component Materials:

Plate	-	Virgin 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.

Product Dimensions:

Length of Plate	-	5.030 in.	Width of Square Well @ Top	-	.143 in.
Width of Plate	-	3.365 in.	Width of Square Well @ Bottom	-	.111 in.
Depth of Well	-	.460 in.	Height with Lid	-	.650 in.
Tolerances of Dimensions	-	+/- .010 in.	Maximum well volume	-	112 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)

Bovine Spongiform Encephalopathy and Transmissible Spongiform Encephalopathy:

This product does not contain materials of animal origin.

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 black polystyrene walls 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.

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: 5