

**Corning Incorporated  
Life Sciences**

Registered  
ISO 9001:2008

**Product Description**

**Catalog Number:** 3512

**Product Description:** Costar® 12-well cell culture multiple well plate, flat bottom with lid

**Component Materials:**

Plate/Lid - Virgin Polystyrene, meets *USP, Class VI* requirements for plastic containers and closures.

**Product Dimensions:**

Length of Plate	-	5.030 in.	Diameter of Well @ top	-	.895 in.
Width of Plate	-	3.365 in.	Diameter of Well @ bottom	-	.870 in.
Depth of Well	-	.685 in.	Height with Lid	-	.890 in.
Tolerances of Dimensions	-	+/- .050 in.	Working Volume per well	-	3 mL

**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<sup>-3</sup>

**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.

**Bovine Spongiform Encephalopathy and Transmissible Spongiform Encephalopathy:**

This product is manufactured with animal free materials.

**Performance Testing:**

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

Cell Culture Treatment: Wettability test using water to insure the presence of a hydrophilic surface.

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: 9