

## Corning Incorporated Life Sciences

Registered  
ISO 9001:2008

## Product Description

**Catalog Number:** 7248

**Product Description:** Corning® 1536-well, tissue culture treated, solid black plate, flat bottom, without lid

### Component Materials:

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

### Product Dimensions:

Length of Plate	-	5.030 in.	Width of Square Well @ Top	-	.067 in.
Width of Plate	-	3.365 in.	Width of Square Well @ Bottom	-	0.60 in.
Depth of Well	-	.195 in.	Height without Lid	-	.409 in.
Tolerances of Dimensions	-	+/- .010 in.	Working Volume	-	8µL
Maximum well volume	-	13µL			

### 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<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. The negatively charged, carboxyl 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.

**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