

Corning Incorporated Life Sciences

Registered
ISO 9001:2008

Product Description

Catalog Number: 3832

Product Description: Corning® 1536-well, Corning® CellBIND® surface, black plate with clear flat bottom, mid web, low base, with lid

Component Materials:

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

Product Dimensions:

Length of Plate	-	5.030 in.	Width of Square Well @	-	.070 in.
			Top		
Width of Plate	-	3.365 in.	Width of Square Well @	-	.059 in.
			Bottom		
Depth of Well	-	.332 in.	Height with Lid	-	.050 in.
Tolerances of Dimensions	-	+/- .010 in.	Working Volume per well	-	5 µL to 15 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:

This product has been tested and has met the criteria established in the *Guideline on Validation of the Limulus Amebocyte Lysate Test as an End-Product Endotoxin Test for Human and Animal Parenteral Drugs, Biological Products and Medical Devices (FDA, December, 1987)*.

Surface Characterization:

Surface is characterized to be hydrophilic and negatively charged, composed of ≥ 20% 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. The bottom is made of clear polystyrene to permit direct microscopic viewing.

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: 3