

Corning Incorporated Life Sciences

Registered
ISO 9001:2008

Product Description

Catalog Number: 4568

Product Description: Corning® 1536-well, Corning® CellBIND® surface, solid black plate, flat bottom, without lid, with barcode labels

Component Materials:

- Plate - Cyclic Olefin Co-polymer, meets *USP, Class VI* requirements for plastic containers and closures. Black cyclic olefin co-polymer concentrate
- Barcode Label: - White polypropylene base, acrylic adhesive

Product Dimensions:

Length of Plate	- 5.030 in.	Width of Square Well @ Top	- .067 in.
Tolerances of Dimensions for Length	- + .010 in. / - .015 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	- 8 μ L	Maximum well volume	- 13 μ L

Special Feature:

Barcode Label (format 128) on A1 longside and H12 longside

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 (≤ 4 EU/device)

Surface Characterization:

Surface is characterized to be hydrophilic and negatively charged, composed of $\geq 20\%$ 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 cyclic olefin co-polymer 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: 2