

Catalog Number: 4681

**Product Description:** Plate, 384well, COC Film Bottom, HCS Microplate, Tissue Culture Treated, w/Lid, Sterile

**Component Materials:**

Plate walls	-	Cyclic Olefin Co-polymer, meets <i>USP, Class VI</i> requirements for plastic containers and closures. Black cyclic olefin co-polymer concentrate.
Plate bottom	-	Cyclic Olefin Co-polymer, meets <i>USP, Class VI</i> requirements for plastic containers and closures.
Lid	-	Virgin Polystyrene, meets <i>USP, Class VI</i> requirements for plastic containers and closures.
Gasket	-	Polyester Film.

**Product Dimensions:**

Length of Plate	-	5.030 in.	Diameter of Well@ Top	-	.134 in.
Width of Plate	-	3.365 in.	Diameter of well @ bottom	-	.110 in.
Depth of Well	-	.430 in.	Height with lid	-	.651 in.
Tolerances of Dimensions	-	+/- .010 in.	Total well volume	-	82 µL

**BSE/TSE:** Product complies with the latest revision of EMA/410/01 “Note for Guidance on minimising the risk of transmitting animal spongiform encephalopathy agents via human and veterinary medicinal products” by virtue of all bovine derived material having been processed per specific conditions of section 6.4 of EMA/410/01.

**Sterility:** Product has been sterilized and dosimetrically released per the requirements of ANSI/AAMI/ISO 11137, “Sterilization of health care products- Radiation”. Products meet a minimum Sterility Assurance Level (SAL) of 10<sup>-3</sup>

**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.

**Tissue Culture:** Tested for the attribute of cell attachment and growth utilizing an attachment-dependent mammalian cell line. A minimum of 85% confluency is required for acceptance.

**Optical Characteristics:** The product is made of opaque black cyclic olefin walls to minimize well-to-well crosstalk and background fluorescence and / or luminescence. The bottom is made of clear cyclic olefin co-polymer to permit direct microscopic viewing and imaging.

**Quality Control Testing:**

Representative production samples are collected and inspected in accordance with current applicable product specifications. Inspection records are reviewed and approved by qualified personnel for product release. Key inspections and inline tests are listed below:

Visual Inspection	-	Pass
Packaging Inspection	-	Pass
Flatness Test	-	Pass
Leak Test	-	Pass
Cell Attachment & Growth Treatment Verification	-	Pass

- This product met Corning Incorporated – Life Sciences’ high standards of quality at the time of batch/lot release.

**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.