



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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**Corning Incorporated
Life Sciences**

**Registered
ISO 9001:2008**

Product Description

Catalog Number: 4681

Product Description: Corning® 384 well high content imaging plate, black with clear 127um bottom, tissue culture treated, with lid

Component Materials:

- Plate walls - Cyclic Olefin Co-polymer, meets *USP, Class VI* requirements for plastic containers and closures. Black cyclic olefin co-polymer concentrate.
- Plate bottom - Cyclic Olefin Co-polymer, meets *USP, Class VI* requirements for plastic containers and closures.
- Lid - Virgin Polystyrene, meets *USP, Class VI* 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 |

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

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 using an attachment-dependent mammalian cell line in serum supplemented media.

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.

Performance Testing:

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

- | | |
|-------------------------|---|
| Visual Attributes: | Visual and microscopic examination of the product. |
| Packaging: | Inspection for seal and barrier integrity, accurate labeling and correct product configuration. |
| Flatness: | Measurement for interwell flatness. |
| 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: 1