

**Corning Incorporated  
Life Sciences**

**Registered  
ISO 9001:2008**

# Product Description

**Catalog Number:** 3550

**Product Description:** Corning® 96-well Crystal EX Plate, 1uL Conical flat bottom, without lid, 3:1, COC

**Component Materials:**  
Plate - COC Material, meets *USP, Class VI* requirements for plastic containers and closures.

**Product Dimensions:**

Distance to A1 Corner Crystallization well from left plate edge (x-direction) - 0.478 in.

Distance to A1 wells from top plate edge (y-direction) - 0.354 in.

Typical well spacing (Block to Block) - 0.3543 in. (9mm)

Typical Intrablock spacing (crystal well to crystal well) - .177 in.(4.5mm)

|                               |   |              |   |   |          |
|-------------------------------|---|--------------|---|---|----------|
| Length of Plate               | - | 5.030 in.    | Diameter of Reservoir Well @ Top          | - | .165 in. |
| Width of Plate                | - | 3.365 in.    | Diameter of Crystallization Well @ Top    | - | .079 in. |
| Depth of Reservoir Well       | - | .46 in.      | Diameter of Crystallization Well @ bottom | - | .039 in. |
| Depth of Crystallization Well | - | .031 in.     | Volume of Reservoir Well                  | - | 130 µL   |
| Height                        | - | .56 in.      | Volume of Crystallization Well            | - | 1 µL     |
| Tolerances of Dimensions      | - | +/- .010 in. |   |   |          |

**Optical Characteristics:**

The plate is made of optically clear material to allow microscopic visualization of crystals.

**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 accurate labeling, and correct product configuration.

**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